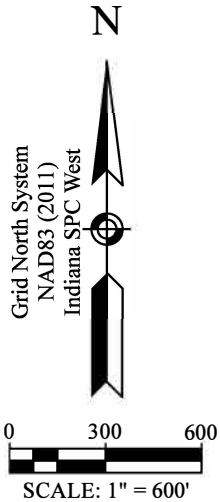
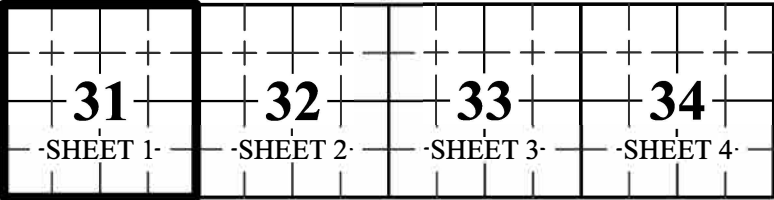


RSID004919
Recorded as Instrument Number:
2022010375.IN



LEGEND	
[XX' Burr 1859]	RECORD DISTANCE, SURVEYOR, YEAR
[XX' OGN]	ORIGINAL GOVERNMENT NOTES DISTANCE
00.00'	MEASURED DISTANCE (PRIMARY)
(M)	MEASURED DISTANCE (ACCESSORY)
N03	CORNER RECORD INDEX ID
(#10184)	OSM SURVEY POINT NUMBER
○	IRON MONUMENT FOUND
⊕	IRON MONUMENT SET
■	STONE FOUND
---	APPROX. ROAD CENTERLINE PER GIS
---	SECTION LINES
---	INTERIOR SECTION LINES

- NOTES
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I affirm under penalties of perjury that I have taken reasonable care to redact each social security number in this document, unless required by law.
-Rachel Oser

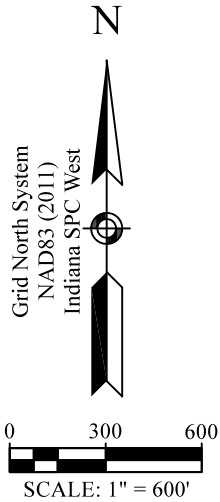
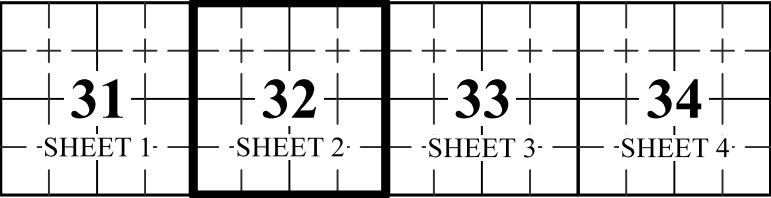
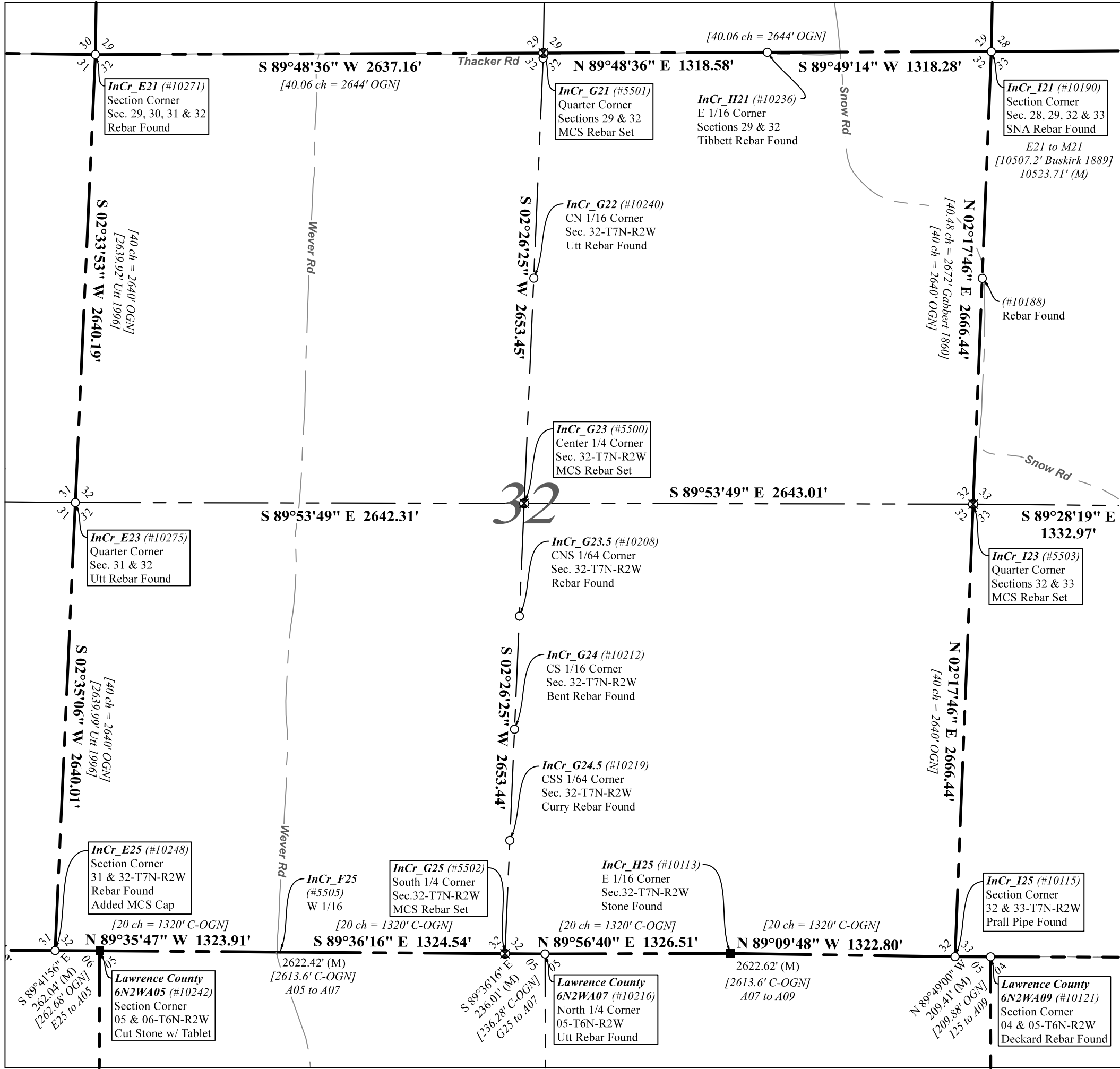
PROJECT#
10174C

SHEET#
1 OF 88

Rachel Oser
Rachel Oser
State of Indiana
Professional Surveyor 21100022
Certified: March 31, 2022
Date of last revision: March 31, 2022

CORNER PERPETUATION SURVEY
INDIAN CREEK TOWNSHIP SECTIONS 31, 32, 33 & 34
SECTION 31 - TOWNSHIP 7 NORTH - RANGE 2 WEST
2nd PM, INDIAN CREEK TOWNSHIP, MONROE COUNTY, INDIANA
SURVEY PERFORMED FOR THE MONROE COUNTY SURVEYOR

Oser Surveying & Mapping LLC
4632 E Rocky Road, Bloomfield, IN 47424
Rachel@OserSurveying.com • 812.320.2694



LEGEND	
[XX' Burr 1859]	RECORD DISTANCE, SURVEYOR, YEAR
[XX' OGN]	ORIGINAL GOVERNMENT NOTES DISTANCE
00.00'	MEASURED DISTANCE (PRIMARY)
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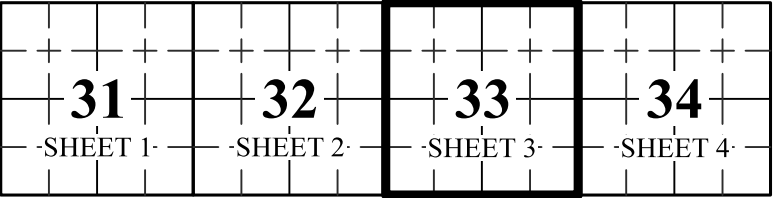
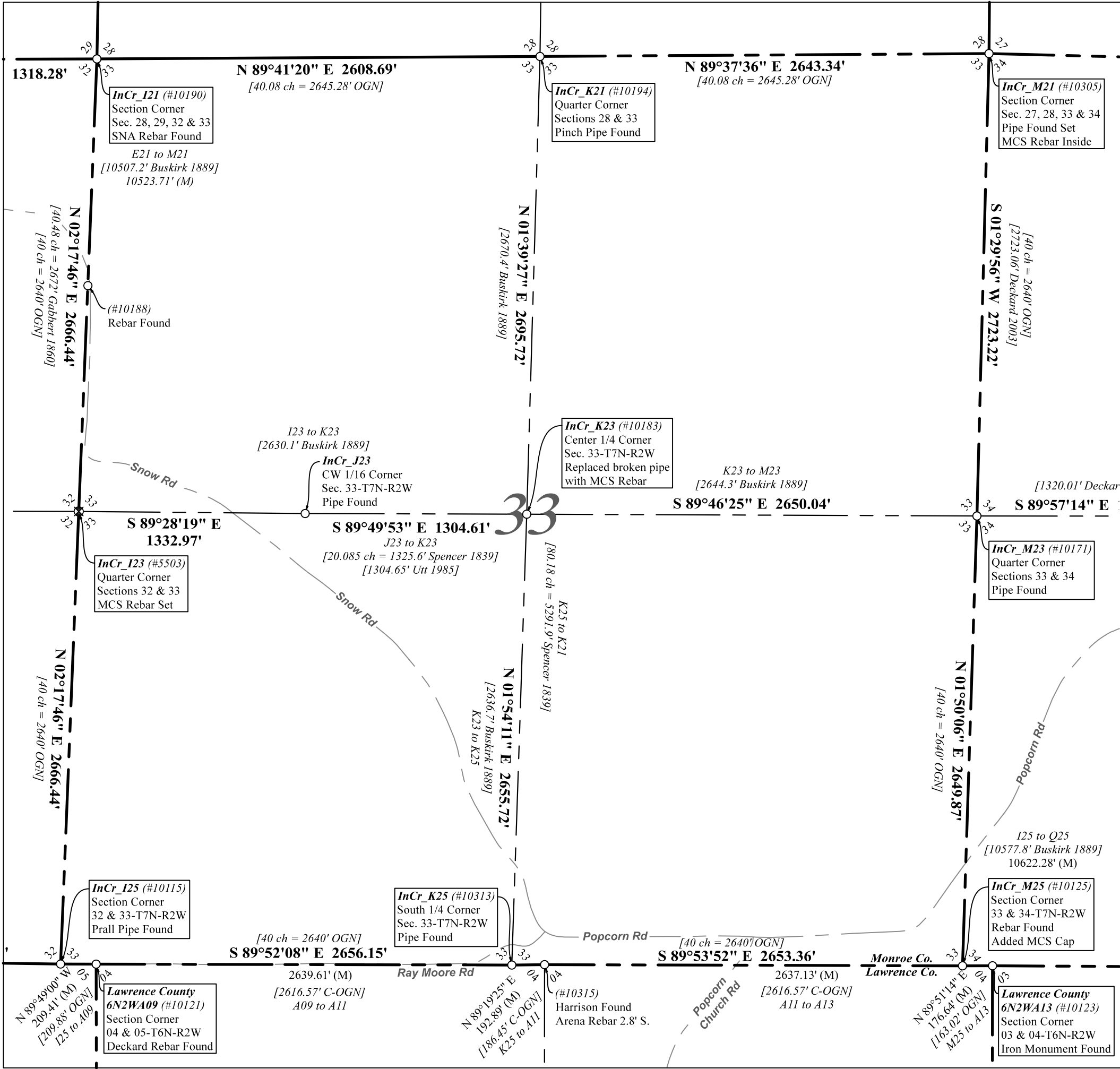
PROJECT#
10174C

SHEET#
2 OF 88

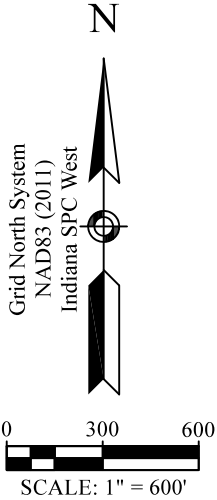
Rachel Oser
State of Indiana
Professional Surveyor 21100022
Certified: March 31, 2022
Date of last revision: March 31, 2022

CORNER PERPETUATION SURVEY
INDIAN CREEK TOWNSHIP SECTIONS 31, 32, 33 & 34
SECTION 32 - TOWNSHIP 7 NORTH - RANGE 2 WEST
2nd PM, INDIAN CREEK TOWNSHIP, MONROE COUNTY, INDIANA
SURVEY PERFORMED FOR THE MONROE COUNTY SURVEYOR

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LOCATION REFERENCE MAP
TOWNSHIP 7 NORTH - RANGE 2 WEST
NOT TO SCALE

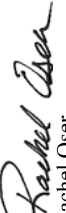


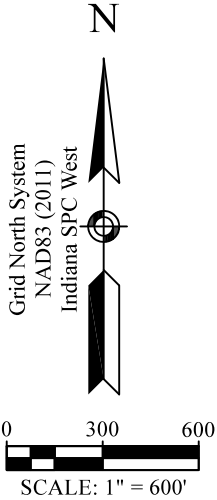
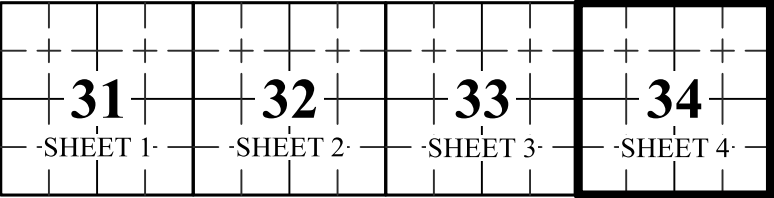
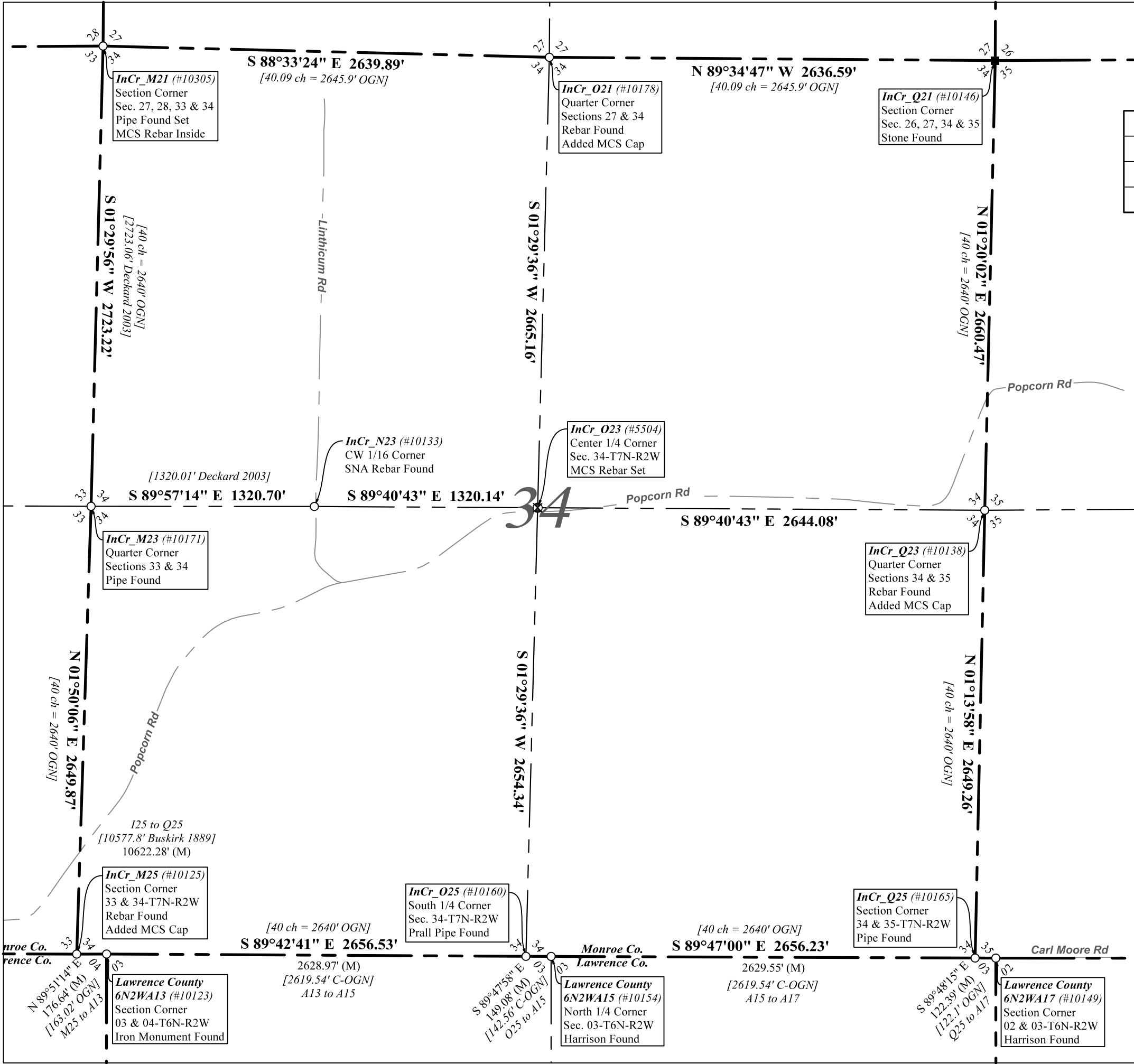
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-Rachel Oser

PROJECT# 10174C	SHEET# 3 OF 88
 Rachel Oser State of Indiana Professional Surveyor 21100022 Certified: March 31, 2022 Date of last revision: March 31, 2022	
CORNER PERPETUATION SURVEY INDIAN CREEK TOWNSHIP SECTIONS 31, 32, 33 & 34 SECTION 33 - TOWNSHIP 7 NORTH - RANGE 2 WEST 2nd PM, INDIAN CREEK TOWNSHIP, MONROE COUNTY, INDIANA SURVEY PERFORMED FOR THE MONROE COUNTY SURVEYOR	
Oser Surveying & Mapping LLC 4632 E Rocky Road, Bloomfield, IN 47424 Rachel@OserSurveying.com • 812.320.2694	



LEGEND	
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[XX' OGN]	ORIGINAL GOVERNMENT NOTES DISTANCE
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-Rachel Oser

PROJECT#
10174C

SHEET#
4 OF 88

Rachel Oser
Rachel Oser
State of Indiana
Professional Surveyor 21100022
Certified: March 31, 2022
Date of last revision: March 31, 2022

CORNER PERPETUATION SURVEY

INDIAN CREEK TOWNSHIP SECTIONS 31, 32, 33 & 34

SECTION 34 - TOWNSHIP 7 NORTH - RANGE 2 WEST

2nd PM, INDIAN CREEK TOWNSHIP, MONROE COUNTY, INDIANA

SURVEY PERFORMED FOR THE MONROE COUNTY SURVEYOR

Oser Surveying & Mapping LLC

4632 E Rocky Road, Bloomfield, IN 47424

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REPORT OF SURVEY:

In accordance with Title 865, Article 1, Chapter 12 of the Indiana Administrative Code ("Rule 12"), the following observations and opinions are submitted regarding the various uncertainties in the locations of the lines and corners established this survey as a result of uncertainties in reference monumentation; in record descriptions and plats; in lines of occupation; and as introduced by random errors in measurement ("Relative Positional Accuracy"). There is an amount of uncertainty along any line or at any corner equal in magnitude to the discrepancy in the location of the lines of possession (and survey points found) from the surveyed lines and corners. There may be unwritten rights associated with these uncertainties. Any uncertainty associated with the corners shown hereon is inherently passed to any parcel corner dependent on its position.

There may be differences in record dimensions versus measured dimensions along the surveyed lines shown hereon. Likewise, there may be found survey markers near, but not precisely at, some boundary corners. In cases where the magnitude of these differences is less than the Relative Positional Accuracy and less than the uncertainty identified for the reference monumentation (discussed below), the differences may be considered insignificant and are shown only for purposes of mathematical closure. Such differences that are greater than the Relative Positional Accuracy and the uncertainty in reference monumentation should be considered worthy of notice and are therefore discussed further below.


The Relative Positional Accuracy for this survey is within the specifications of an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

The basis of bearings is the Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, Geoid18_conus.db3, reported in US Survey Feet and decimal parts thereof. Coordinates were established using the Javad GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Positional values of other points listed herein were determined either from static GNSS (Javad Triumph LS Rover), RTK GNSS (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by RTK GNSS. With the exception of distances to witness ties, measured and calculated distances shown hereon are grid distances and have not been adjusted to ground (record distances are ground). To convert grid distances to ground, multiply by a combined scale factor of 1.000047376.

Monuments were located or set by Oser Surveying & Mapping in March, 2022. Unless otherwise noted, survey monuments set are noted as an "MCS rebar" and are a 5/8" diameter by 24" long rebar with a 2" aluminum "MONROE COUNTY SURVEYOR" cap set flush in mowed areas, 0.4 feet above grade in wooded or overgrown areas, 0.2 feet below grade in gravel, or 1.5 feet below grade in cultivated areas.

Unless otherwise noted, all ties to new bearing trees (BTs) are a 2" mag nail set in a 1-1/2" orange plastic hub disc stamped "SURVEY MARKER DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree. BT diameters are noted as dbh (diameter breast height) and are measured approximately 4.5 feet above ground. Bearings are grid and were measured with the internal compass of the Javad Triumph LS rover from the monument to the center of the BT. Distances are ground and were measured with a 100' steel tape from the monument to the mag nail. When it was not practical to set a mag nail or hack a tree, bearings and distances were measured to the center of the BT. Most distances approaching or in excess of 100 feet were measured by RTK offset to the reference object.

The purpose of this survey was to perpetuate the section corners, quarter section corners, and center quarter of section corners in Sections 31, 32, 33 & 34 – Township 07 North – Range 02 West, 2nd Principal Meridian, Indian Creek Township, Monroe County, Indiana. Sixteenth-section corners, corners of minor subdivisions, and property corners were not evaluated in any way unless specifically discussed herein. Bearing breaks exist between section corners and quarter corners that are not shown. Bearings and distances are shown hereon to correlate corners and to assist in corner analysis. The relationship of the

 Oser Surveying & Mapping LLC 4632 E Rocky Road, Bloomfield, IN 47424 Rachel@OserSurveying.com • 812.320.2694	CORNER PERPETUATION SURVEY SECTIONS 31, 32, 33 & 34 TOWNSHIP 7 NORTH – RANGE 2 WEST – 2nd PM, INDIAN CREEK TOWNSHIP, MONROE COUNTY, INDIANA PREPARED FOR THE MONROE COUNTY SURVEYOR	
	PROJECT# 10174C	SHEET# 5 OF 88

section/half section corners to the adjoining parcel boundary lines was not addressed. The section and half section lines shown hereon should not be construed as defining actual property lines and corners as in a retracement or original survey. Only those occupation lines in the immediate vicinity of the corners perpetuated (as depicted or discussed on the Monroe County Monument Records included with this report) were analyzed as part of this survey.

REFERENCE SURVEYS, PLATS & MAPS:

Reference survey records were obtained from the Monroe, Greene, and Lawrence County Surveyors, the Monroe, Greene, and Lawrence County Recorders, the Monroe County Auditor, and the Indiana Department of Transportation. Records relevant to each corner perpetuated are listed on the Monroe County Monument Records included with this report.


MONUMENTS FOUND OR SET: Refer to the monuments keyed on the survey drawings by point number and Monroe County Corner Record Index ID. Monuments and corners evaluated in the process of this survey, the theory of location used to accept or establish these monuments and corners, and the surveyor's opinion of the uncertainties associated with these monuments and corners are as detailed below for accessory monuments and on the Monroe County Monument Records included with this report for primary monuments.

InCr_A21 (OSM #10283: Section Corner Common to Sections 30 & 31-T7N-R2W in Monroe County and Sections 25 & 36-T7N-R3W in Greene County): A 5/8" rebar with an orange plastic cap stamped "OSER IN PS# 21100022" was found flush in Thacker Road per the Monument Record dated June 22, 2021 and accepted by the Monroe County Surveyor Review Board on December 09, 2021. On October 16, 2020, Rachel Oser found a rebar with a bent top (west) and a damaged yellow cap 1.5 feet below grade in the center of Thacker Road. Utt set the rebar in 1989 as shown on the Boundary Survey for Sirucek recorded in Greene County Book 83, page 564. It was accepted by Bledsoe in 2000 as shown on the Boundary Survey for Hutton recorded as Monroe County Instrument Number 2000015048. Oser set a 5/8" x 1.4 foot long rebar with an orange plastic Oser cap over the Utt rebar to raise it to grade. There are 0.3 feet of uncertainty associated with this monument due to the bent top and the difference between measured and record distances noted on the Bledsoe survey. Rachel Oser accepted the rebar as the best evidence of the corner on the Sturgeon Family Minor Subdivision Final Plat dated March 1, 2021 recorded as Instrument Number 2021007101 and Eric Deckard accepted the rebar on the Flynn-Patrias Type E Administrative Subdivision dated September 28, 2021 and recorded as Instrument Number 2021023140.

InCr_C22 (OSM #10279: Center-North 1/16 Corner of Section 31-T7N-R2W): A 5/8" rebar with yellow plastic cap stamped "UTT S-0089" was found 2" above grade. The rebar was set by Lee Utt in 1996 as shown on a survey of 419.92 acres in Section 31 recorded as Instrument Number 703688. It was accepted by Eric Deckard in 2021 on surveys recorded as Instrument Numbers 2021011663, 2021011664, and 2021023140.

InCr_D23 (OSM #10273: Center-East 1/16 Corner of Section 31-T7N-R2W): A 5/8" rebar with yellow plastic cap stamped "UTT S-0089" was found 3" above grade next to a t-post. The rebar was set by Lee Utt in 1996 as shown on a survey of 419.92 acres in Section 31 recorded as Instrument Number 703688. It was accepted by Eric Deckard in 2021 on a survey recorded as Instrument Number 2021023140.

InCr_E21 (OSM #10271: Section Corner Common to Sections 29, 30, 31 & 32-T7N-R2W): A 5/8" rebar with a damaged cap was found 0.2 feet below grade in the centerline of Thacker Road per the Monument Record dated June 22, 2021 and accepted by the Monroe County Surveyor Review Board on December 09, 2021. Ben Bledsoe set a railroad spike at this corner in 2000 as shown on the Boundary Survey for Hutton recorded as Instrument Number 2000015048. In 2000, Monroe County Surveyor Kevin Enright witnessed a "RR spike painted orange with orange flagging and orange "prop corn" printed around an orange circle" in the centerline of Thacker Road. In 2001, James Tibbett replaced a heaved railroad spike with a 5/8" rebar as shown on the Boundary Survey for Glasgow recorded as Instrument Number 2001017175. The rebar has been consistently accepted on subsequent surveys.

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	PROJECT# 10174C	SHEET# 6 OF 88

InCr_F25 (OSM #5505: *West 1/16 Corner of Section 32-T7N-R2W*): Calculated Corner. A 5/8” rebar with yellow plastic cap stamped “UTT S-0089” was found 2” above grade at the east end of an east/west fence and on the west side of Wever Road at a 40-foot offset from the corner. Lee Utt established this corner in 1996 and set the 5/8” rebar at a 40-foot witness on the west side of Weaver Road as shown on a survey of 40.13 acres in Section 32 recorded in Survey Book 4, pages 213-220. The corner is also shown on two unrecorded surveys by Lee Utt from 1996 and 1997, filed digitally in the Monroe County Recorder’s Office as RSID002089 and RSID002107. The found Utt rebar is #10214 on the point table below.

InCr_G22 (OSM #10240: *Center-North 1/16 Corner of Section 32-T7N-R2W*): A 5/8” rebar with damaged yellow cap was found 2” above grade next to a t-post. This rebar was set by Lee Utt in 1998 as shown on a survey recorded as Instrument Number 825643 and accepted by Lee Utt in 2000 as shown on a survey recorded as Instrument Number 2000021024. The rebar is within 0.2 feet of the north to south half-section line as established by this survey.

InCr_G23.5 (OSM #10208: *Center-North-South 1/64 Corner of Section 32-T7N-R2W*): A 5/8” rebar was found 1” below grade. The rebar is 3.4 feet east of a north/south horse fence and 24 feet east of an older north to south wire fence. This rebar was set by Lee Utt in 1998 as shown on a survey recorded as Instrument Number 825643. The rebar is 0.6 feet east of the north to south half-section line as established by this survey.

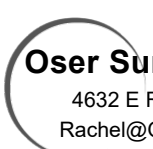
InCr_G24 (OSM #10212: *Center-South 1/16 Corner of Section 32-T7N-R2W*): A 5/8” rebar with a bent top was found 6” above grade. We located the rebar where the lower portion spun freely in the ground and found it to be within 0.1 foot of the north to south half-section line as established by this survey. The rebar was set by Lee Utt in 1998 as shown on a survey recorded as Instrument Number 825643. A 5/8” rebar with yellow plastic cap stamped “CURRY LS 890006” (#10210) was found 2” above grade in an east to west wire fence S 5°40'1" W 3.41 feet from the rebar. The survey of origin for the Curry rebar was not found. Curry’s rebar was not accepted by Lee Utt in 1998. It was found to be within 0.2 feet of the north to south half-section line as established by this survey.

InCr_G24.5 (OSM #10219: *Center-South-South 1/64 Corner of Section 32-T7N-R2W*): A 5/8” rebar with yellow plastic cap stamped “CURRY LS 890006” was found 2” above grade. The survey of origin for the Curry rebar was not found. It was accepted by Lee Utt in 1998 as shown on a survey recorded as Instrument Number 825643. We held this rebar to establish the north to south half-section line of Section 32.

InCr_H21 (OSM #10236: *East 1/16 Corner of Sections 29 and 32-T7N-R2W*): A 5/8” rebar with plastic cap stamped “JAMES TIBBETT LS80910029” was found 6” below grade and 1-foot south of the north edge of asphalt of Thacker Road. Tibbett set the rebar in 2001 based on an Utt rebar found at a 40-foot offset to the south as shown on a survey recorded as Instrument Number 2001017176. The rebar was accepted by James Smale in 2005 as shown on a survey recorded as Instrument Number 2004025976. We held the Tibbett rebar to establish the north line of Section 32.

InCr_H25 (OSM #10113: *East 1/16 Corner of Section 32-T7N-R2W*): A 4” x 9” stone was found 3” above grade. The stone had two small marks on top forming an L shape. We used the existing marks to cut a new + into the top of the stone. The stone is 1.6 feet northeast of a wood post fence corner on the north side of a gravel lane. The origin of the stone is unknown. It was accepted by Eric Deckard on a survey for the Moore Estate dated 2/27/2019 and recorded as Lawrence County Instrument Number 2019001345. We accepted the stone as the best evidence of the corner.

InCr_J23 (*Center-West 1/16 Corner of Section 33-T7N-R2W*): This corner was originally established by Monroe County Surveyor James Spencer on 4/28/1839 as shown on a survey filed in Legal Survey Book 1, page 66. No trace of a stone or the original bearing trees was found. A 7/8” iron pipe with the top 6” broken off was found flush at the northwest corner of a wooden fence post with barbed wire to the north and west. We believe that the pipe was set by Lee Utt as shown on a survey of 38.22 acres dated 7/25/1985 filed digitally in the office of the Monroe County Surveyor as RSID002119. We accepted the pipe as the best evidence of the corner.

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InCr_N23 (OSM #10133: Center-West 1/16 Corner of Section 34-T7N-R2W): A 5/8" rebar with a broken yellow plastic cap stamped "SNA INC LS 29900012" was found 5" below grade on the west edge of Linthicum Road. The rebar was set by Eric Deckard in 2003 as shown on the boundary survey for Daisy Garton Trust recorded as Instrument Number 2003033113. We accepted the rebar as the best evidence of the corner with 4.76 feet of associated uncertainty due to the different methodologies used to establish the Center ¼ Corner of Section 34.

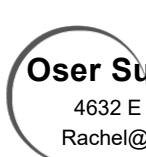
Lawrence County 6N2WA03 (OSM #10261: North 1/4 Corner of Section 6-T6N-R2W): A 3-1/4" diameter aluminum SurvKap monument was found flush in an east to west barbed wire fence. The monument was set by Lawrence County Surveyor Michael Arena on 10/10/1984 with a 4" concrete cone with magnetic module buried 2" under the base of the monument. The cap is stamped "LAWRENCE COUNTY SURVEYOR LS S0242 1984 DO NOT DISTURBE SURVEY MARKER NORTH ¼ CORNER SECTION 6 T6N R2W". An aluminum post was set 0.2 feet north of the monument with a yellow "PROTECT NEARBY SURVEY MARKER" sign attached 4 feet above grade. The North ¼ Corner of Section 6 is not an original government corner and no record was found of a legal survey to establish the corner. The SurvKap was accepted by Lowell Pitser on 3/17/1989 per a survey on file in the Lawrence County Surveyor's Office and by Lee Utt on 3/25/1997 per a survey on file in the Monroe County Surveyor's Office as RSID 002089. We accepted the SurvKap as the best evidence of the corner.

Lawrence County 6N2WA05 (OSM #10242: Section Corner common to Sections 5 and 6-T6N-R2W): A 6" x 6" cut limestone with a 3-1/2" brass tablet was found 2" above grade next to a t-post. The stone was set by Lawrence County Surveyor Michael Arena in 1984 and has consistently been accepted as the corner on subsequent surveys.

Lawrence County 6N2WA07 (OSM #10216: North 1/4 Corner of Section 5-T6N-R2W): 5/8" rebar with a damaged plastic cap was found 6" above grade in east/west wire fence remains. We replaced the damaged cap with a 2-1/2" diameter aluminum cap stamped "LC 2022 N1/4 • S5-T6N-R2W 21100022". The capped rebar was flush with grade after the addition of the new cap. We set an aluminum sign post with a Lawrence County "PROTECT NEARBY SURVEY MARKER" sign 0.3 feet north of the rebar. The rebar was set by Lee Utt in 1997 as shown on a survey of six tracts for McMillan in the Northwest ¼ of Section 5-T6N-R2W dated 12/8/1997 and on file in the Office of the Lawrence County Surveyor. Utt set the rebar at the midpoint between the northwest and northeast corners of Section 5. The Utt rebar was accepted by Eric Deckard in 2019 as shown on his survey of the Moore Estate recorded as Lawrence County Instrument Number 2019001345. We held the Utt rebar to establish the south line of the southeast quarter of the southwest quarter of Section 32.

Lawrence County 6N2WA09 (OSM #10121: Section Corner common to Sections 4 & 5-T6N-R2W): A 5/8" rebar with a damaged yellow plastic cap stamped "DECKARD" was found flush with grade 2 feet south of the centerline of Ray Moore Road. Deckard set the rebar in 2019 to replace a found railroad spike as shown on his survey of the Moore Estate recorded as Lawrence County Instrument Number 2019001345. The origin of the railroad spike is unknown, but it appears to have been set to replace a damaged Harrison Monument.

Lawrence County 6N2WA11 (North ¼ Corner of Section 4-T6N-R2W): A 4" diameter cast iron Harrison Monument with "SECTION CORNER" cast into the top was found flush. A ½" rebar with a yellow plastic cap stamped "ARENA S0242" was found 0.2 feet below grade S 3°30' E 2.8 feet from the Harrison Monument. The rebar was set by Michael Arena in 1995 per a survey recorded as Lawrence County Instrument number 1995004491. The Harrison Monument was presumably set by former Lawrence County Surveyor Nelson Prall in the 1960s or early 1970s. The Harrison monument is on record as the corner at the Lawrence County Surveyor's Office, but the ½" rebar has been accepted as the corner on several surveys. At the time of this survey, a final determination as to which monument is correct had not been reached. The dimensions shown on the attached survey plat are to the Harrison Monument.

 <p>Oser Surveying & Mapping LLC 4632 E Rocky Road, Bloomfield, IN 47424 Rachel@OserSurveying.com • 812.320.2694</p>	<p align="center">CORNER PERPETUATION SURVEY SECTIONS 31, 32, 33 & 34 TOWNSHIP 7 NORTH – RANGE 2 WEST – 2nd PM, INDIAN CREEK TOWNSHIP, MONROE COUNTY, INDIANA PREPARED FOR THE MONROE COUNTY SURVEYOR</p>	PROJECT# 10174C
		SHEET# 8 OF 88

Lawrence County 6N2WA13 (OSM #10123: Section Corner common to Sections 3 and 4-T6N-R2W): A 1-1/2" drill steel was found 12" below grade in the 5" x 8" base of a broken cast iron Harrison Monument. The Harrison Monument was presumably set by former Lawrence County Surveyor Nelson Prall in the 1960s or early 1970s. In 1993, Stephen Ramsey set the 1-1/2" x 36" drill steel in the base of the broken Harrison Monument per a survey filed digitally in the Monroe County Surveyor's Office as RSID002125.

Lawrence County 6N2WA15 (OSM #10154: North 1/4 Corner of Section 3-T6N-R2W): A 4" diameter cast iron Harrison Monument with "SECTION CORNER" cast into the top was found flush 0.6 feet north of an east to west smooth wire fence. The Harrison Monument was presumably set by former Lawrence County Surveyor Nelson Prall in the 1960s or early 1970s. Subsequent surveyors have consistently accepted the Harrison Monument as the corner.

Lawrence County 6N2WA17 (OSM #10149: Section Corner common to Sections 2 and 3-T6N-R2W): A 4" diameter cast iron Harrison Monument with "SECTION CORNER" cast into the top was found 4" below grade in the approximate centerline of a 13.5-foot-wide gravel lane. The Harrison Monument is inside a 9" x 9" iron monument box with a 7" x 7" iron cover plate. The Harrison Monument was presumably set by former Lawrence County Surveyor Nelson Prall in the 1960s or early 1970s. Subsequent surveyors have consistently accepted the Harrison Monument as the corner.


#10131 (Witness to the Center 1/4 Corner of Section 34-T7N-R2W): A 5/8" rebar with yellow plastic cap stamped "STEPHEN E. RAMSEY #S0374" was found 5" below grade in the centerline of Popcorn Road. The rebar was set by Ramsey in 1993 on the north to south half-section line of Section 34 as shown on a survey filed digitally in the Monroe County Surveyor's Office as RSID 002125. The Ramsey rebar is 0.6 feet west of the north to south half-section line as established by this survey.

#10175 (Witness to the Quarter Corner Common to Sections 27 and 34-T7N-R2W): A 5/8" rebar with yellow plastic cap stamped "STEPHEN E. RAMSEY #S0374" was found flush one foot south of the middle of a railroad tie post. The rebar was set by Ramsey in 1993 on the north to south half-section line of Section 34 as shown on a survey filed digitally in the Monroe County Surveyor's Office as RSID 002125. The Ramsey rebar is 0.68 feet west of the north to south half-section line as established by this survey.

#10188 (Near the North 1/16 Corner of Sections 32 and 33-T7N-R2W): A 5/8" rebar was found 0.5 feet below grade and 7" east of the west edge of asphalt of Snow Road. The rebar is believed to be the monument set by Steven Archer as shown on his survey of two tracts in the Northeast 1/4 of the Northeast 1/4 of Section 32 dated 2/16/2004 and filed digitally in the Office of the Monroe County Surveyor as RSID002105. There are 0.7 feet of east/west uncertainty and 2.75 feet of north/south uncertainty associated with this corner. It was not held to establish any corners of this survey, but it may be the best evidence of the North 1/16 Corner.

#10192 (Witness to the Section Corner Common to Sections 28, 29, 32 & 33-T7N-R2W): A 1" pinch top pipe was found 9" above grade. The origin of the pipe is unknown. It first appeared in the survey record as a witness to the Section Corner on a 1998 survey by Lee Utt recorded as Instrument Number 825643.

#10200 (30-foot offset to the North 1/4 corner of Section 32): A 5/8" rebar with a yellow plastic cap stamped "UTT S-0089" was found 6" above grade. The rebar was set by Lee Utt in 2000 as shown on a survey of two tracts in the Northwest 1/4 of the Northeast 1/4 of Section 32 recorded as Instrument Number 2000021024. We held the rebar to establish the north to south half-section line of Section 32, but found it to be 29.86 feet south of the north line of Section 32 as established between a rebar found at the northwest corner of Section 32 (E21) and a rebar found at the East 1/16 corner of Section 32 (H21) as opposed to the 30 feet shown on the Utt survey. The rebars found at E21 and H21 had not been set yet at the time of Utt's survey.

 Oser Surveying & Mapping LLC 4632 E Rocky Road, Bloomfield, IN 47424 Rachel@OserSurveying.com • 812.320.2694	CORNER PERPETUATION SURVEY SECTIONS 31, 32, 33 & 34 TOWNSHIP 7 NORTH – RANGE 2 WEST – 2nd PM, INDIAN CREEK TOWNSHIP, MONROE COUNTY, INDIANA PREPARED FOR THE MONROE COUNTY SURVEYOR		PROJECT# 10174C
			SHEET# 9 OF 88


#10286 (Southwest corner of Lot 2 in Flynn-Patrias Type E Administrative Subdivision): A 5/8" rebar with a yellow plastic cap stamped "UTT S-0089" was found 2" above grade. The rebar was set by Lee Utt in 1996 as shown on a survey of 150 acres on file in the Office of the Monroe County Surveyor as RSID002092. It was accepted by Lee Utt as a corner of Lot 3 in Kirkley Subdivision (Instrument Number 820110) and by Eric Deckard as the southwest corner of Lot 2 in the Flynn-Patrias Type E Administrative Subdivision recorded as Instrument Number 2021023140.

#10288 (Northeast corner of Lot 3 in Kirkley Subdivision): A 5/8" rebar with a yellow plastic cap stamped "UTT S-0089" was found 2" above grade. The rebar was set by Lee Utt in 1998 as shown on the Kirkley Subdivision a survey of 81.46 acres on file in the Office of the Monroe County Surveyor as RSID002090. It was accepted by Eric Deckard as the corner on the Flynn-Patrias Type E Administrative Subdivision recorded as Instrument Number 2021023140.

#10290 (Southwest corner of Lot 3 in Kirkley Subdivision): A 5/8" rebar with a yellow plastic cap stamped "UTT S-0089" was found 6" above grade at the base of a wooden post. The rebar was set by Lee Utt in 1998 as shown on the Kirkley Subdivision a survey of 81.46 acres on file in the Office of the Monroe County Surveyor as RSID002090. The rebar is within 0.1 foot of the west line of Section 31 as established by this survey.

POINT TABLE:

Number	Northing	Easting	CornerID	Description	Found/Set
5500	1366617.46	3073829.51	InCr_G23	MCS REBAR	SET
5501	1369268.50	3073942.50	InCr_G21	MCS REBAR	SET
5502	1363966.42	3073716.53	InCr_G25	MCS REBAR	SET
5503	1366612.70	3076472.52	InCr_I23	MCS REBAR	SET
5504	1366577.63	3084400.87	InCr_O23	MCS REBAR	SET
5505	1363975.57	3072392.02	InCr_F25	CALCULATED	CALC.
5506	1366646.80	3068556.06	InCr_C23	MCS REBAR	SET
5507	1366663.90	3066738.90	InCr_A23	MCS REBAR	SET
10113	1363967.71	3075043.04	InCr_H25	STONE	FOUND
10115	1363948.39	3076365.69	InCr_I25	PRALL PIPE	FOUND
10121	1363947.72	3076575.09	6N2WA09	DECKARD REBAR	FOUND
10123	1363938.03	3081851.83	6N2WA13	DRILL STEEL IN BROKEN HARRISON	FOUND
10125	1363937.58	3081675.19	InCr_M25	REBAR ADDED MCS CAP	FOUND
10131	1366555.40	3084399.69	WIT. O23	RAMSEY REBAR	FOUND
10138	1366562.80	3087044.90	InCr_Q23	REBAR ADDED MCS CAP	FOUND
10146	1369222.54	3087106.84	InCr_Q21	STONE ADDED +	FOUND
10149	1363913.73	3087110.29	6N2WA17	HARRISON MONUMENT	FOUND
10154	1363923.67	3084480.77	6N2WA15	HARRISON MONUMENT	FOUND
10160	1363924.20	3084331.69	InCr_O25	PRALL PIPE	FOUND
10165	1363914.15	3086987.90	InCr_Q25	PIPE	FOUND
10171	1366586.10	3081760.04	InCr_M23	PIPE	FOUND
10175	1369222.23	3084469.13	WIT.O21	RAMSEY REBAR	FOUND
10178	1369241.88	3084470.33	InCr_O21	REBAR ADDED MCS CAP	FOUND
10183	1366596.57	3079110.03	InCr_K23	REPLACED PIPE WITH MCS REBAR	FOUND
10188	1367942.10	3076526.50	NEAR I22	REBAR	FOUND
10190	1369277.00	3076579.34	InCr_I21	SNA REBAR	FOUND

 Oser Surveying & Mapping LLC 4632 E Rocky Road, Bloomfield, IN 47424 Rachel@OserSurveying.com • 812.320.2694	CORNER PERPETUATION SURVEY SECTIONS 31, 32, 33 & 34 TOWNSHIP 7 NORTH – RANGE 2 WEST – 2nd PM, INDIAN CREEK TOWNSHIP, MONROE COUNTY, INDIANA PREPARED FOR THE MONROE COUNTY SURVEYOR		PROJECT# 10174C
			SHEET# 10 OF 88

10192	1369277.13	3076600.63	WIT. I21	PINCH PIPE	FOUND
10194	1369291.16	3079188.00	InCr_K21	PINCH PIPE	FOUND
10200	1369238.67	3073941.22	WIT. G21	UTT REBAR	FOUND
10208	1365953.96	3073801.84	InCr_G23.5	REBAR	FOUND
10210	1365287.72	3073772.65	NEAR G24	CURRY REBAR	FOUND
10212	1365291.28	3073772.89	InCr_G24	REBAR	FOUND
10214	1363975.87	3072352.02	40' WIT. F25	UTT REBAR	FOUND
10216	1363964.79	3073952.53	6N2WA07	UTT REBAR ADDED ALUM. CAP	FOUND
10219	1364629.64	3073744.81	InCr_G24.5	CURRY REBAR	FOUND
10236	1369272.87	3075261.07	InCr_H21	TIBBETT REBAR	FOUND
10240	1367943.35	3073886.21	InCr_G22	UTT REBAR	FOUND
10242	1363983.52	3071330.18	6N2WA05	STONE W/ TABLET	FOUND
10248	1363984.90	3071068.14	InCr_E25	REBAR ADDED MCS CAP	FOUND
10261	1363999.30	3068670.00	6N2WA03	SURV-KAP	FOUND
10264	1364000.94	3068427.87	InCr_C25	UTT REBAR ADDED MCS REBAR	FOUND
10267	1364011.74	3066744.09	TwpCor_I	STONE W/+	FOUND
10271	1369259.76	3071305.35	InCr_E21	REBAR	FOUND
10273	1366634.42	3069871.65	InCr_D23	UTT REBAR	FOUND
10275	1366622.22	3071187.21	InCr_E23	UTT REBAR	FOUND
10279	1367969.65	3068620.15	InCr_C22	UTT REBAR	FOUND
10281	1369292.50	3068683.44	InCr_C21	DECKARD REBAR	FOUND
10283	1369317.38	3066733.71	InCr_A21	OSER REBAR	FOUND
10286	1366647.72	3068456.09	PROP.COR.	UTT REBAR	FOUND
10288	1366644.10	3068840.06	PROP.COR.	UTT REBAR	FOUND
10290	1366800.77	3066738.53	PROP.COR.	UTT REBAR	FOUND
10305	1369308.38	3081831.28	InCr_M21	PIPE ADDED MCS REBAR	FOUND
10313	1363942.32	3079021.83	InCr_K25	PIPE	FOUND

CERTIFICATION: This document is not complete without the associated plat and Monroe County Monument Records.

This survey was performed without benefit of evidence of source of title and is subject to any statement of facts revealed by the same. Evidence of easements have not been located in the field and are not shown on this survey drawing. This qualification will be removed upon receipt and inspection of current title work. Subject to the above reservation, the survey work shown hereon was performed either by me or under my direct supervision and control and to the best of my knowledge and belief was performed according to the survey requirements in 865 IAC 1-12-1 through 34.

Certified March 31, 2022

Rachel Oser

Rachel Oser

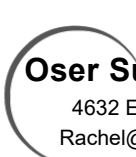
State of Indiana

Professional Surveyor 21100022

Date of last revision: March 31, 2022



I affirm under penalties of perjury that I have taken reasonable care to redact each social security number in this document, unless required by law. - Rachel Oser

 <p>Oser Surveying & Mapping LLC 4632 E Rocky Road, Bloomfield, IN 47424 Rachel@OserSurveying.com • 812.320.2694</p>	<p align="center">CORNER PERPETUATION SURVEY SECTIONS 31, 32, 33 & 34 TOWNSHIP 7 NORTH – RANGE 2 WEST – 2nd PM, INDIAN CREEK TOWNSHIP, MONROE COUNTY, INDIANA PREPARED FOR THE MONROE COUNTY SURVEYOR</p>	<p>PROJECT# 10174C</p> <hr/> <p>SHEET# 11 OF 88</p>
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MONUMENT RECORD

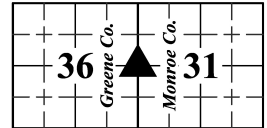
Corner ID: InCr_A23

Quarter Corner

Common to Section 31-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana and

Section 36-T07N-R03W, 2nd P.M., Center Township, Greene County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P270**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	8"	S 42° W	7.9'
Sugar	8"	N 2° W	10.6'

Notes: **Common Corner**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **2/26/1878** By: **W. Clogston**

Where filed or recorded: **Greene County LSB 3, pg 066**

Original monument: **Set Stone**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
W. Oak	24"	S 6° E	34.3'
Beech	12"	N 21° W	18.2'

Notes: **Re-Established E1/4 Section 36-T7N-R3W**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/24/2022** By: **RSO & PMO** Monument Found: **No** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Dustin Ballard showed a calculated location for this corner on his 2011 Route Survey for I-69 Section 4, Segment 5 recorded as Greene County Instrument Number 2011-0923. Ballard calculated the corner at the midpoint between the stone at TwpCor_I and the rebar at InCr_A21.

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" rebar with 2" aluminum cap set 0.2 feet above grade. The cap is stamped "MONROE COUNTY SURVEYOR W ¼ + S 31 2110022".

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The corner is on a wooded hillside approximately 1300 feet southwest of the house at 9725 Thacker Road and 22.5 feet east of the remains of a north to south wire fence.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

Greene County Surveyor W. Clogston set a stone at this corner in 1878. No trace was found of the stone or its accessories. In 1996, Lee Utt surveyed a 419.92 acre tract in Section 31. Through the course of the 1996 survey, Utt found the stone at the SW corner of Section 31, set rebars at the NW, SE, S/4, E/4, CN/16, NE/16, CE/16, and S/16 corners of Section 31, and calculated the NE, W/4, and C/4 corners of Section 31. We reestablished this corner based on ties to the Lee Utt survey. More specifically, this corner was established at the intersection of the west line of Section 31 beginning at the Oser rebar found at the Northwest corner (InCr_A21) and the stone found at the Southwest corner (TwpCor_I) with the east/west half section line beginning at a rebar with Utt cap found at the CE 1/16 corner of Section 31 (InCr_D23) and a rebar with Utt cap (#10286) found 99.94 feet westerly of the Center ¼ corner of Section 31 (InCr_C23). This position is 0.67 feet south of the midpoint between the Northwest and Southwest corners of Section 31 and 0.69 feet north of the proportional location of the corner based on record distances from the 1878 Clogston survey.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument set at this corner relates to the original location. Therefore, the**

MONUMENT RECORD

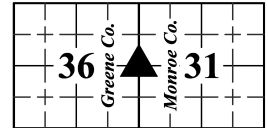
Corner ID: InCr_A23

Quarter Corner

Common to Section 31-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana and

Section 36-T07N-R03W, 2nd P.M., Center Township, Greene County, Indiana



uncertainty cannot be determined.

- Discrepancies in the Documents: **0.7 feet.**
- Inconsistencies in the lines of Occupation: **22.5 feet.**
- Theoretical Uncertainty (Random Errors in Measurement): ***The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.***

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County “PROTECT NEARBY SURVEY MARKER” sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was set 0.25 feet east of the rebar with a yellow Monroe County “PROTECT NEARBY SURVEY MARKER” sign attached 3 feet above grade.

GEODETIC COORDINATES: Northing: **1366663.90'**, Easting: **3066738.90'**

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. ***The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.***

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 23° W	47.9'	<i>2" mag nail and 1-1/2" orange plastic disc set in hack mark 8" above grade on the east side of an 18" dbh white oak in north/south wire fence remains</i>
B	N 82° E	10.8'	<i>2" mag nail and 1-1/2" orange plastic disc set in hack mark 6" above grade on the south side of a 7" dbh tulip poplar</i>
C	S 4° E	15.9'	<i>2" mag nail and 1-1/2" orange plastic disc set in hack mark 8" above grade on the east side of a 13" dbh beech</i>
D #10290	N 0°9'19" W	136.87'	<i>5/8" rebar with yellow plastic cap stamped "UTT S-0089" found 6" above grade at the southwest corner of Lot 1 in Kirkley Subdivision recorded as Instrument Number 820110 and filed in Plat Cabinet C, envelope 254</i>

Notes: ***Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Witness D was located with RTK.***

MONUMENT RECORD

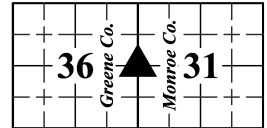
Corner ID: InCr_A23

Quarter Corner

Common to Section 31-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana and

Section 36-T07N-R03W, 2nd P.M., Center Township, Greene County, Indiana



MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

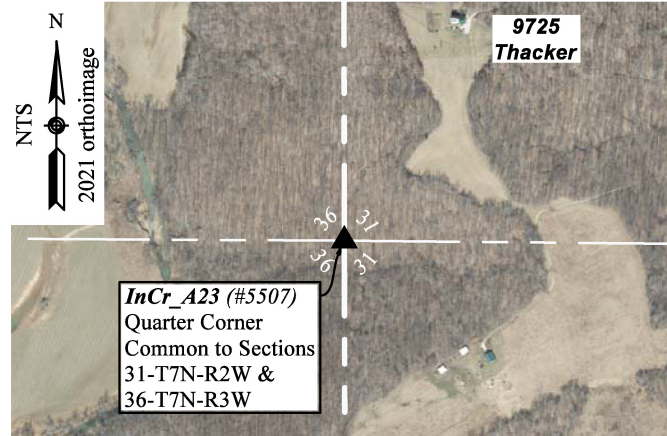
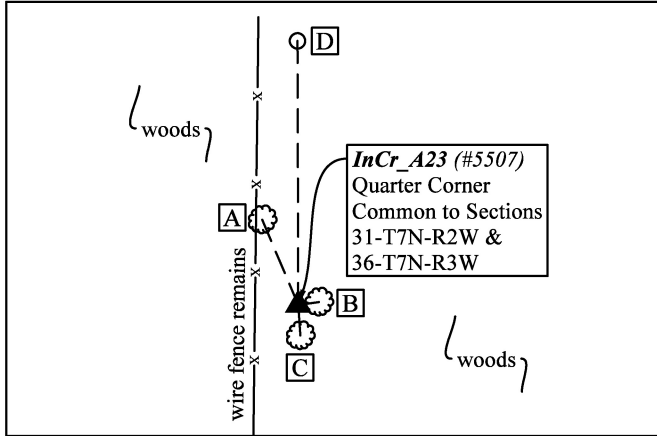


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: 3/24/2022



Photo Orientation & Description: **Stamped cap at A23**



Photo Orientation & Description: **Looking east at A23**

FIELD PERSONNEL:

Field Date: 3/24/2022 By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: 3, page: 45 Notes: None

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

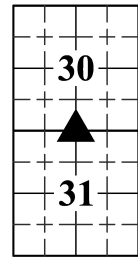
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_C21

Quarter Corner

Sections 30 & 31-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P292**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Hickory	8"	S 82° E	11.9'
Dogwood	6"	S 36° W	9.2'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **1/24/1845** By: **James Spencer**

Where filed or recorded: **MCSO LSB 1, page 082**

Original monument: **Not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None			

Notes: **Spencer measured to this corner, but did not describe the monument or take new witnesses**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **10/09/1846** By: **James Spencer**

Where filed or recorded: **MCSO LSB 1, page 087**

Original monument: **Not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None			

Notes: **Spencer measured to this corner, but did not describe the monument or take new witnesses**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **10/09/1846** By: **James Spencer**

Where filed or recorded: **MCSO LSB 1, page 088**

Original monument: **Not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None			

Notes: **Spencer measured to this corner, but did not describe the monument or take new witnesses**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/21/2022** By: **RSO & PMO** Monument Found: **Rebar with Deckard cap**

BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
9/6/2000	Bledsoe, Ben	40.21 acre survey in Section 30	MCR 200015048
8/4/2020	Deckard, Eric Lee	Willoughby Minor Subd. Final Plat	MCR 2020021994
4/8/2021	Deckard, Eric Lee	Willoughby Minor Subdivision Plat Amendment One	MCR 2021011664
4/20/2021	Deckard, Eric Lee	Wessel Type E Administrative Subdivision - Final Plat	MCR 2021011663
		ORIGIN OF DECKARD REBAR	
9/28/2021	Deckard, Eric Lee	Flynn-Patrias Type E Administrative Subdivision	MCR 2021023140

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" rebar with blue plastic cap stamped "DECKARD FIRM #0129" found 5" above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The rebar is 2 feet east of a north to south wire fence and 195 feet north of the centerline of Thacker Road.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

Eric Deckard set the rebar in 2021 as shown on the Wessel Type E Administrative Subdivision Final Plat recorded as Instrument Number 2021011663. Mr. Deckard set the corner per the position calculated by Ben Bledsoe in 2000. The rebar is within 2 feet of an existing fence line running north and south.

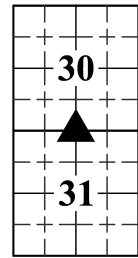
MONUMENT RECORD

Corner ID: InCr_C21

Quarter Corner

Sections 30 & 31-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: *Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.*
- Discrepancies in the Documents: *Up to 11.3 feet due to different proportionate results based on measurements provided in an 1846 legal survey by James Spencer.*
- Inconsistencies in the lines of Occupation: *+/- 2 feet.*
- Theoretical Uncertainty (Random Errors in Measurement): *The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.*

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A t-post was set 0.25 feet east of the rebar with a Monroe County "PROTECT NEARBY SURVEY MARKER" sign attached 3.5 feet above grade.

GEODETIC COORDINATES: Northing: *1369292.50'*, Easting: *3068683.44'*

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 69° W	7.4'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 12" above grade on the north side of a 14" dbh sugar maple
B	S 32° W	14.1'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 16" above grade on the west side of a 16" dbh sugar maple
C	N 26° E	25.6'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 12" above grade on the west side of a multiple 7" stemmed osage orange

Notes: *Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.*

MONUMENT RECORD

Corner ID: InCr_C21

Quarter Corner

Sections 30 & 31-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

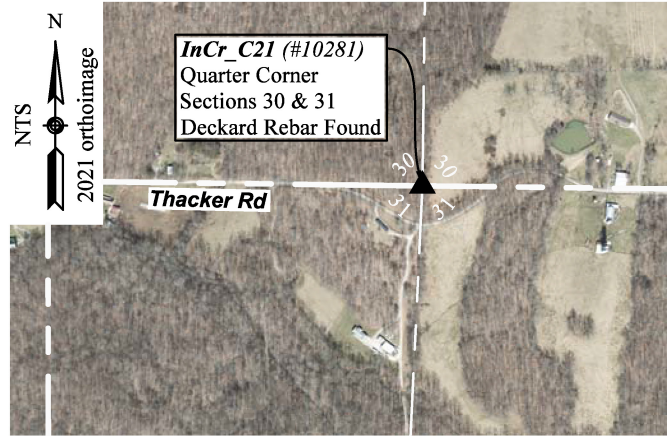
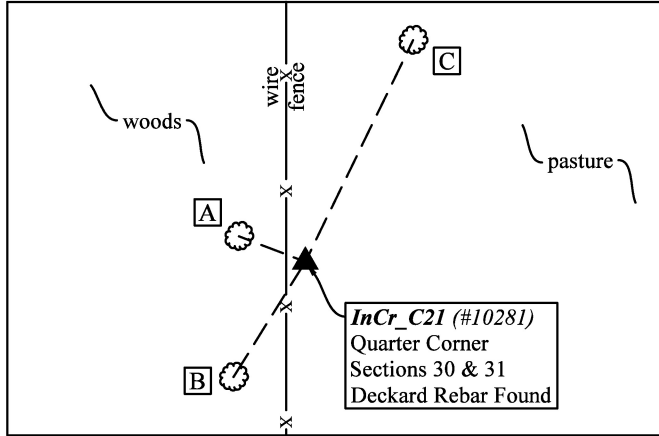


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: 3/21/2022



Photo Orientation & Description: *Deckard rebar at C21*



Photo Orientation & Description: *Looking east at C21*

FIELD PERSONNEL:

Field Date: 3/21/2022 By: *Rachel Oser & Phillip Oser* Project #: 10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 3 West Field Book: 3, page: 44 Notes: None

CERTIFICATION:

Professional Surveyor Name: *Rachel Oser*

Indiana Professional Surveyor No.: 21100022

Firm Name: *Oser Surveying & Mapping LLC*

Date: 3/31/2022

Signature:

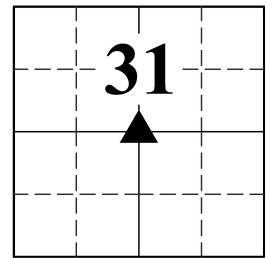
Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

MONUMENT RECORD
Corner ID: **InCr_C23**
Center ¼ Corner
Section 31-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: *Not an original government corner*

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: *No legal survey records found*

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: *3/24/2022* By: *RSO & PMO* Monument Found: *No* BTs or Reference Objects Found: *None* Notes: *None*

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

No survey history found.

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" rebar with 2" aluminum cap set 0.3 feet above grade. The cap is stamped "MONROE COUNTY SURVEYOR C ¼ + S 31 21100022".

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The corner is on a wooded hillside approximately 1100 feet south of the garage at 9301 W Thacker Road. There is no obvious evidence of possession in the immediate vicinity of the corner. Traces of east to west fence remains were observed approximately 24 feet north of the corner.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

In 1996, Lee Utt surveyed a 419.92 acre tract in Section 31. Through the course of the 1996 survey, Utt found the stone at the SW corner of Section 31, set rebars at the NW, SE, S/4, E/4, CN/16, NE/16, CE/16, and S/16 corners of Section 31, and calculated the NE, W/4, and C/4 corners of Section 31. We reestablished this corner based on ties to the Lee Utt survey. More specifically, this corner was established at the intersection of the east/west half section line beginning at a rebar with Utt cap found at the CE 1/16 corner of Section 31 (InCr_D23) and running through a rebar with Utt cap (#10286) found 99.97 feet westerly of the Center ¼ corner of Section 31 (InCr_C23) with the north/south half section line beginning at a rebar with Utt cap found at the CN 1/16 corner of Section 31 (InCr_C22) and ending at a rebar with Utt cap found at the South 1/4 corner of Section 31 (InCr_C25). This position is within 0.4 feet of the intersection of opposite quarter corners.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: *None noted.*
- Discrepancies in the Documents: *None noted.*
- Inconsistencies in the lines of Occupation: *24 feet.*
- Theoretical Uncertainty (Random Errors in Measurement): *The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.*

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

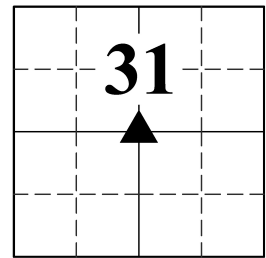
MONUMENT RECORD

Corner ID: InCr_C23

Center 1/4 Corner

Section 31-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



Steel t-post set 0.25 feet south with a Monroe County Survey Marker sign attached 3 feet above grade.

GEODETIC COORDINATES: Northing: 1366646.80', Easting: 3068556.06'

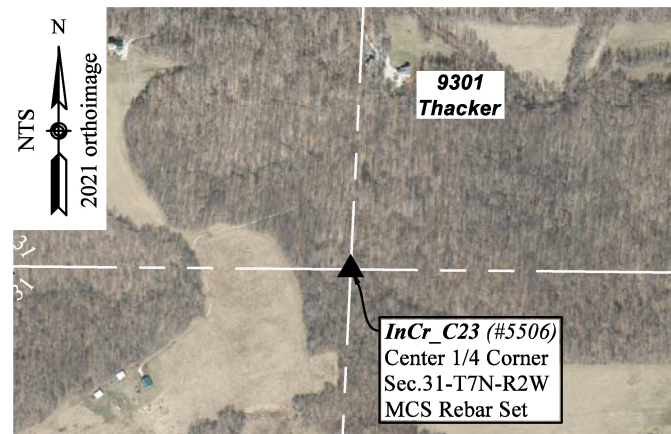
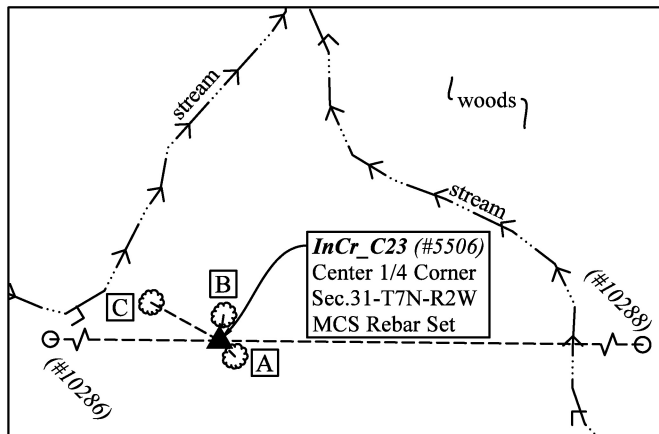
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	S 44° E	6.85'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 9" above grade on the north side of an 11" dbh sugar maple
B	N 9° E	8.0'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 8" above grade on the west side of a 3" dbh elm
C	N 61° W	24.4'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 6" above grade on the south side of a 5" dbh tulip poplar
#10286	N 89°27'39" W	99.97'	5/8" rebar with yellow plastic cap stamped "UTT S-0089" found 2" above grade at the Southwest corner of Lot 2 in Flynn-Patrias Type E
#10288	S 89°27'19" E	284.01'	5/8" rebar with yellow plastic cap stamped "UTT S-0089" found 2" above grade at the Northeast corner of Lot 3 in Kirkley Subdivision

Notes: Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Witness ties #10286 and #10288 were located with RTK.

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_C23

Center ¼ Corner

Section 31-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

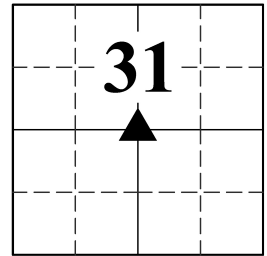


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: 3/24/2022



Photo Orientation & Description: *Rebar at C23*



Photo Orientation & Description: *Looking south at C23*

FIELD PERSONNEL:

Field Date: 3/24/2022 By: *Rachel Oser & Phillip Oser* Project #: *10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West* Field Book: 3, page: 45 Notes: *None*

CERTIFICATION:

Professional Surveyor Name: *Rachel Oser*

Indiana Professional Surveyor No.: *21100022*

Firm Name: *Oser Surveying & Mapping LLC*

Date: *3/31/2022*

Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

MONUMENT RECORD
Corner ID: InCr_C25
South 1/4 Corner
Section 31-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P264**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
W.Oak	24"	S 50° E	16.5'
Walnut	20"	N 47° W	15.8'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **10/9/1846** By: **James Spencer**

Where filed or recorded: **MCSO LSB 1, page 087**

Original monument: **Not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None			

Notes: **Spencer measured to this corner, but did not describe the monument or take new bearing trees.**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/21/2022** By: **RSO & PMO** Monument Found: **Utt Rebar** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

The rebar was set by Lee Utt in 1997 as shown on a survey of 71.69 acres in Section 31 dated 3/25/1997. The survey is filed in the Monroe County Auditor's Office and a digital copy is available from the Monroe County Surveyor as RSID 002089. Utt established the corner at the record original survey distance of 2640 feet from the Southeast corner of Section 31.

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 5/8" rebar with a yellow cap stamped "UTT S-0089" was found 2" above grade next to a steel t-post. We replaced the plastic Utt cap with a 2" aluminum cap stamped "MONROE COUNTY SURVEYOR S31 + S1/4 21100022". The top of the cap is flush with grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

From the southwest corner of the mowed field behind the house at 9828 S Wever Road, follow a new logging road westerly for approximately 1700 feet. The rebar is in line with closely spaced t-posts to the east and west.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

Lee Utt set this corner at the record original survey distance of 2640 feet from the Southeast corner of Section 31. The rebar was accepted as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **20.54 feet due to the difference between the measured distance to the North 1/4 Corner of Section 6-T6N-R2W and the record distance calculated from the original survey notes.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY

MONUMENT RECORD

Corner ID: InCr_C25

South 1/4 Corner

Section 31-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



MARKER” sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was set 0.4 feet south of the rebar with a Monroe County Survey Marker sign attached 3.5 feet above grade.

GEODETIC COORDINATES: Northing: 1364000.94', Easting: 3068427.87'

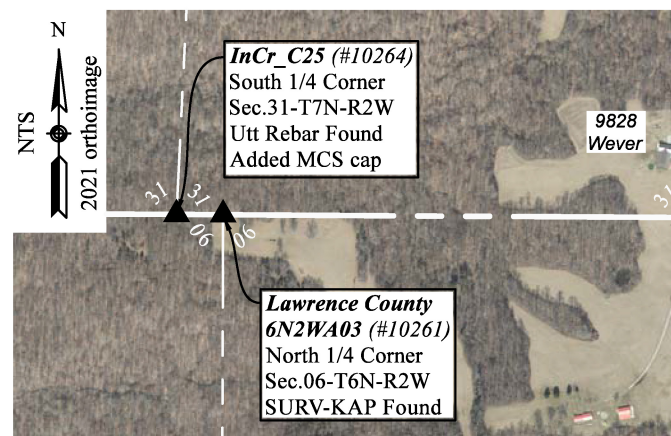
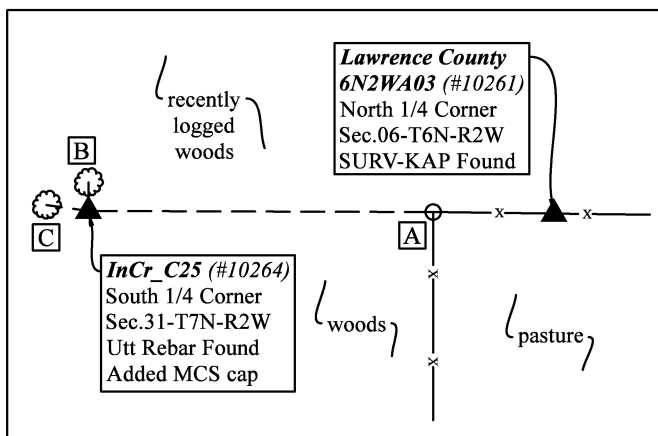
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12” above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4”. BT description should include tree species, diameter at 4.5’ above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
#10261	S 89°36'43" E	242.14'	SURV-KAP aluminum monument found flush at the North 1/4 Corner of Section 6-T6N-R2W, Lawrence County Corner ID 6N2WA03
A	S 90° E	179.3'	6” cedar fence post with wire fence to the east and south
B	N 0° W	14.8'	2” mag nail and orange flagging set in hack mark 12” above grade on the west side of a 12” dbh maple
C	N 82° W	22.0'	2” mag nail and orange flagging set in hack mark 6” above grade on the south side of an 8” dbh maple

Notes: *Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings. #10261 and Witness A were measured with RTK.*

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_C25

South 1/4 Corner

Section 31-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/21/2022**



Photo Orientation & Description: **Rebar at C25**



Photo Orientation & Description: **Looking south at C25**

FIELD PERSONNEL:

Field Date: **3/21/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **44** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

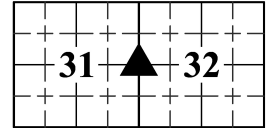
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_E23

Quarter Corner

Sections 31 & 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P270**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
B.Oak	24"	N 26° E	8.6'
Beech	--	S 21° W	8.6'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **No legal survey records found**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/21/2022** By: **RSO & PMO** Monument Found: **Utt rebar** BTs or Reference Objects Found: **No** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Utt, Lee	81.46 acre survey in Sections 32 & 32	MCS RSID 002090
9/9/1996	Utt, Lee	419.92 acres in Section 31-7N-2W, 40.13 acres in Section 32-7N-2W and 48.22 acres in Section 6-6N-2W ORIGIN OF UTT REBAR	MCR Survey Book 4, pages 213-220 MCR 00703688
9/12/1996	Utt, Lee	69.67 acre survey in Section 31	MCR Survey Book 4, pages 159-161 MCR 00703673
3/5/2001	Utt, Lee	Deckard to Brinegar survey in Section 32	MCR 2001023854
11/16/2002	Tapp, Philip O.	Thacker Road Admin. Subd. in Section 32	MCR 2002027622

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" rebar with yellow plastic cap stamped "UTT S-0089" found 2" above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

From the northeast corner of the field at 9820 S Wever Road, follow the fence line northerly through the woods for approximately 550 feet to the corner, which is in line with wire fence to the north, south, and east.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

The rebar was set by Lee Utt in 1996 as shown on his 419.92 acre survey in Section 31 and has consistently been accepted as the corner on subsequent surveys. We accepted the rebar as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

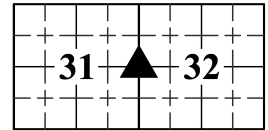
- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **None noted.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT RECORD

Corner ID: InCr_E23

Quarter Corner

Sections 31 & 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was set 0.6 feet east of the rebar with a Survey Marker sign attached 3.5 feet above grade.

GEODETIC COORDINATES: Northing: 1366622.22', Easting: 3071187.21'

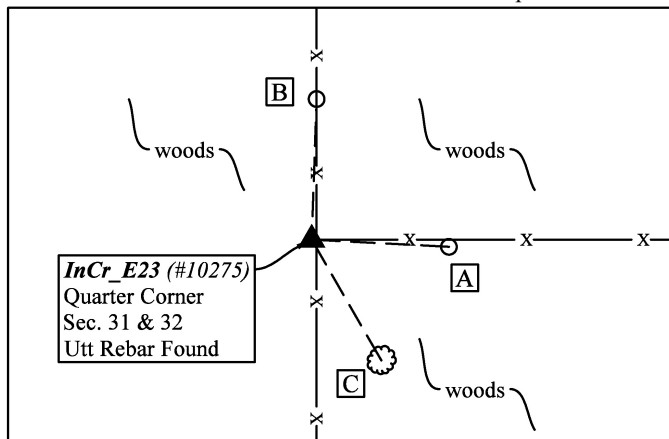
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g. SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	S 87° E	7.05'	2" mag nail and 1-1/2" orange plastic disc set 6" above grade on the south side of a 6" cedar post
B	N 2° E	7.2'	2" mag nail and 1-1/2" orange plastic disc set 4" above grade on the west side of a 6" wood post
C	S 30° E	7.15'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 12" above grade on the west side of a 26" dbh tulip poplar
D	North	0.4'	South side of an 8" wood post with fence to the north, south, and east

Notes: Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_E23

Quarter Corner

Sections 31 & 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

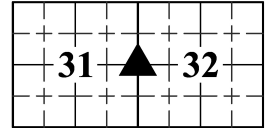


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/21/2022**



Photo Orientation & Description: **Utt rebar at E23**



Photo Orientation & Description: **Looking east at E23**

FIELD PERSONNEL:

Field Date: **3/21/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **44** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:



Seal:

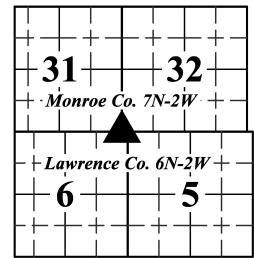
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_E25

Section Corner

Sections 31 & 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P264**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Gum	15"	S 87° W	16.5'
Beech	6"	N 84° E	20.5'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **No legal survey records found**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/21/2022** By: **RSO & PMO** Monument Found: **Rebar** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
9/9/1996	Utt, Lee	419.92 acres in Section 31-7N-2W, 40.13 acres in Section 32-7N-2W and 48.22 acres in Section 6-6N-2W ORIGIN OF UTT REBAR	MCR Survey Book 4, pages 213-220, Instrument 703688
3/25/1997	Utt, Lee	71.69 acre survey in Section 31	Monroe County Auditor MCSO RSID 002089
12/8/1997	Utt, Lee	Survey for McMillan in Section 5	LCSO
7/24/2014	Deckard, Eric	Stephen Franklin Boundary Survey in Sections 31 and 32	MCR Survey Cab. S2, env.77 Instrument 2014012853

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 5/8" rebar was found 4" below grade. We added a 2" aluminum cap stamped "MONROE COUNTY SURVEYOR 2022 S31 S32 + S06 21100022".

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The south line of the Southeast ¼ of Section 31 was recently linestaked with wooden lath. A line of newly planted saplings, each supported by a t-post, follows the linestakes offset 5 feet to 5.5 feet south. Wire fence remains were observed from 18 feet to 8 feet north of the south line of Section 31.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

Lee Utt set the rebar in 1996 at the record falling (262.68 feet) west of the closing corner for Sections 5 & 6-T6N-R2W (Lawrence County Corner Record Perry A05) and on line between the stone at said A05 and the stone at the township corner (TwpCor_I). The rebar has consistently been accepted on subsequent surveys and we accepted it as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

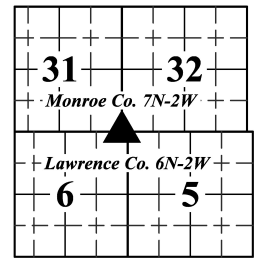
- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**

MONUMENT RECORD

Corner ID: InCr_E25

Section Corner

Sections 31 & 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



- Discrepancies in the Documents: **0.66 feet.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County “PROTECT NEARBY SURVEY MARKER” sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was found 0.3 feet south of the rebar. We attached a Survey Marker sign 2.5 feet above grade.

GEODETIC COORDINATES: Northing: **1363984.90'**, Easting: **3071068.14'**

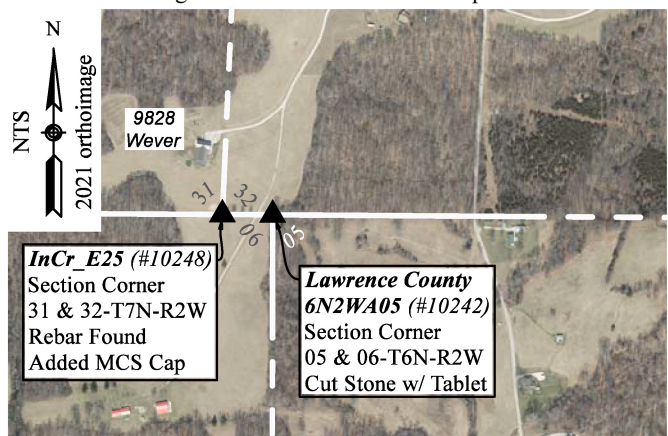
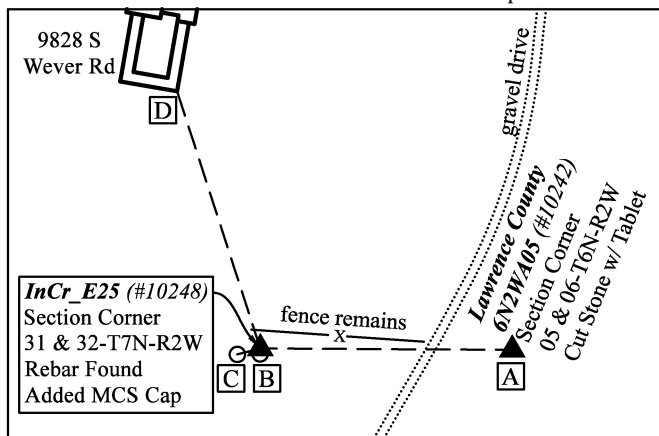
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. **The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.**

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	S 89°41'56" E	262.04	6"x6" cut limestone with 3-1/2" brass tablet at the Section Corner common to Sections 05 & 06-T6N-R2W (Lawrence County Corner ID 6N2WA05)
B	S 2° W	5.6'	1-1/2" orange plastic disc attached to t-post supporting a maple sapling
C	S 76° W	24.7'	1-1/2" orange plastic disc attached to t-post supporting a maple sapling
D	N 18° W	281.2'	Southeast corner of porch at 9828 S Wever Road

Notes: **Bearings & Distances to all witness ties were measured with RTK.**

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_E25

Section Corner

Sections 31 & 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

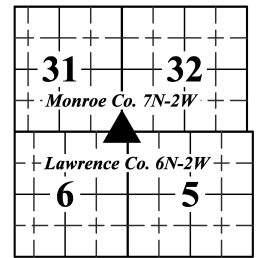


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/21/2022**



Photo Orientation & Description: **Capped rebar at E25**



Photo Orientation & Description: **Looking south at E25**

FIELD PERSONNEL:

Field Date: **3/21/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **44** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

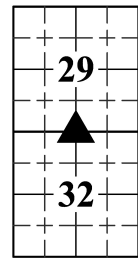
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_G21

Quarter Corner

Sections 29 & 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P287**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	6"	N 48° E	24.4'
W.Oak	20"	N 75° W	15.8'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **11/1/1856** By: **James Spencer**

Where filed or recorded: **MCSO LSB 1, pg 317**

Original monument: **Not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **Spencer commenced his survey at this corner, but did not describe the monument or take new witnesses**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/17/2022 and 3/24/2022** By: **Rachel and Phil Oser** Monument Found: **PK Nail** BTs or Reference Objects

Found: **Found all witness ties from Pending Monument Record dated 11/5/2010** Notes: **Did not accept nail**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
11/1/1856	Spencer, James	Legal Survey in Section 29	MCSO LSB 1, pg 317
8/3/2000	Utt, Lee	30.19 acres for Raines in Section 32 (Calculated the corner and set a 30-foot witness to the south)	MCR 2000021024
3/16/2001	Tibbett, James C.	Section 29 plat (Calculated the corner and accepted Lee Utt's 30-foot witness to the south)	MCR 2001017175 MCR 2001017176
11/16/2004	Archer, Steven W.	Two tracts in Section 29 (Accepted Lee Utt's witness but called it out as 25 feet instead of 30 feet and set the pk)	MCR 2004025976

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" x 20" rebar with a 2" aluminum cap stamped "MONROE COUNTY SURVEYOR ¼ S29 + S32 21100022" set flush in Thacker Road.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The rebar is 2.5 feet south of the north edge of asphalt of Thacker Road, which is 16.5 feet wide.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

The rebar was set at the intersection of the north line of Section 32 as measured between the rebar found at the northwest corner (E21) with the rebar found at the East 1/16 corner (H21) with the north to south half section line as measured between the Utt rebar found at a 30-foot witness (Witness Tie D below) to the North ¼ of Section 32 (G21) and the Curry rebar found at the Center-South-South 1/64 corner (G24.5). The corner thus established is within 0.2 feet of the midpoint between the northwest and northeast corners of Section 32 and is consistent with the calculated location for the corner accepted by Utt and Tibbett in 2000 and 2001, respectively.

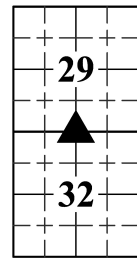
The pk nail found at Witness Tie A was set by Steven Archer in 2004. Archer held the Utt rebar found at Witness Tie D to establish the east/west position of the pk, and his survey plat indicates that he held railroad spikes at E21 and H21 to establish the north line of Section 32. Based on ties to other monuments from Archer's survey, the railroad

MONUMENT RECORD

Corner ID: InCr_G21

Quarter Corner

Sections 29 & 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



spike he held at E21 would be 13.9 feet south of the rebar that is currently of record at that corner. In addition to the survey listed above, Steven Archer also surveyed two tracts in the Northeast 1/4 of the Northeast 1/4 of Section 32, as shown on a survey dated 2/16/2004 and filed digitally in the Monroe County Surveyor's Office as RSID 002105. Ties to this Archer survey show that the railroad spike that he held at E21 was in the same location as the rebar that is currently of record. This is an indication that there was an error in the location of E21 shown on the Archer survey recorded as Instrument Number 2004025976, which led to the pk nail being set in the wrong place. No record of reliance on the pk nail was found beyond Archer's 2004 survey.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **4.5 feet.**
- Discrepancies in the Documents: **5 feet.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post with a Monroe County Survey Marker sign attached 2 feet above grade was found on the north bank of Thacker Road at Witness Tie B.

GEODETIC COORDINATES: Northing: **1369268.50'**, Easting: **3073942.50'**

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. ***The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.***

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	<i>S 15°46'6" W</i>	<i>4.47'</i>	<i>PK nail found 0.25 feet below grade</i>
B	<i>N 9° W</i>	<i>14.8'</i>	<i>Steel t-post with Monroe County Survey Marker sign attached 2 feet above grade on the north bank of Thacker Road</i>
C	<i>N 80° E</i>	<i>33.6'</i>	<i>South face of mailbox post #8499</i>
D #10200	<i>S 2°26'25" W</i>	<i>29.86'</i>	<i>5/8" rebar with yellow plastic cap stamped "UTT S-0089" found 6" tall</i>

Notes: ***Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Witness ties A and D were measured with RTK.***

MONUMENT RECORD

Corner ID: InCr_G21

Quarter Corner

Sections 29 & 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

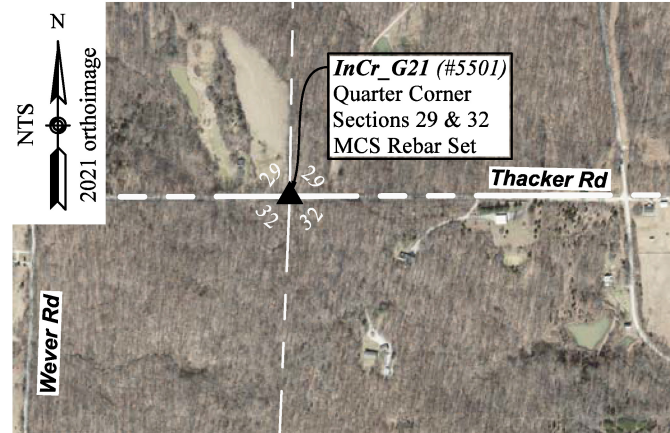
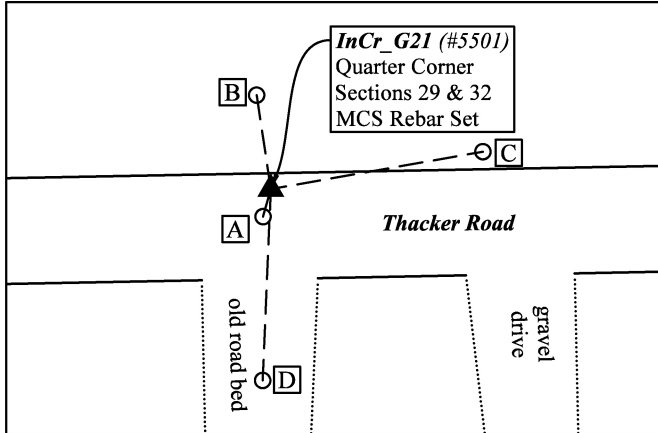


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: 3/24/2022



Photo Orientation & Description: *Capped rebar at G21*



Photo Orientation & Description: *Looking north at G21*

FIELD PERSONNEL:

Field Date: 3/24/2022 By: *Rachel Oser & Phillip Oser* Project #: 10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West Field Book: 3, page: 45 Notes: None

CERTIFICATION:

Professional Surveyor Name: *Rachel Oser*
Indiana Professional Surveyor No.: 21100022
Firm Name: *Oser Surveying & Mapping LLC*
Date: 3/31/2022
Signature:

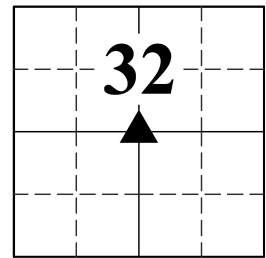
Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

MONUMENT RECORD
Corner ID: InCr_G23
Center 1/4 Corner
Section 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: By: Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: *Not an original government corner*

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: *10/31/1856* By: *James Spencer*

Where filed or recorded: *MCSO LSB 1, pg 317*

Original monument: *Not described*

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
<i>None</i>			

Notes: *Spencer measured to this corner, but did not describe the monument or take new bearing trees*

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: *3/17/2022* By: *RSO & PMO* Monument Found: *No* BTs or Reference Objects Found: *None* Notes: *None*

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

No record was found of a survey to establish this corner.

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 5/8" rebar with a 2" aluminum cap stamped "MONROE COUNTY SURVEYOR C1/4 + S32 21100022" was set flush in the bed of a small stream.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The rebar is 13.7 feet east of a north to south wire fence.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

This corner was established at the intersection of opposite quarter corners. The north to south half-section line of Section 32 was established by Lee Utt in 1998 as shown on his survey of 120.75 acres recorded as Instrument Number 825643, but no record was found to establish the east to west half-section line. When Utt established the north to south half-section line in 1998, the property on both sides of this corner was owned by Gary Trimble. Mr. Trimble still owns the property to the west of this corner and he told us that the north to south fence was in the same location prior to Mr. Utt's survey and that the fence was built for convenience, with no intention of following the north to south half-section line because the Trimble family owned on both sides.

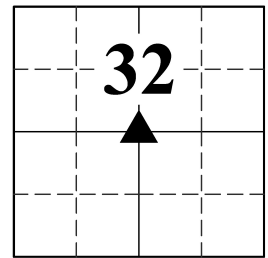
UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: *None noted.*
- Discrepancies in the Documents: *None noted.*
- Inconsistencies in the lines of Occupation: *13.7 feet.*
- Theoretical Uncertainty (Random Errors in Measurement): *The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.*

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was set 0.4 feet east of the corner with a yellow Survey Marker sign attached 3 feet above grade.

MONUMENT RECORD
Corner ID: InCr_G23
Center 1/4 Corner
 Section 32-T07N-R02W, 2nd P.M.
 Indian Creek Township, Monroe County, Indiana



GEODETIC COORDINATES: Northing: *1366617.46'*, Easting: *3073829.51'*

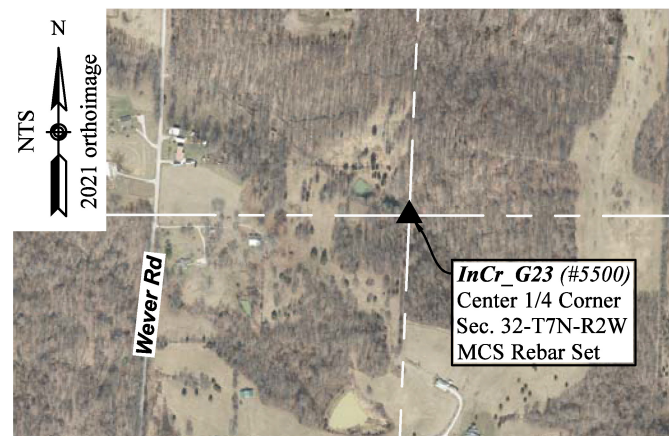
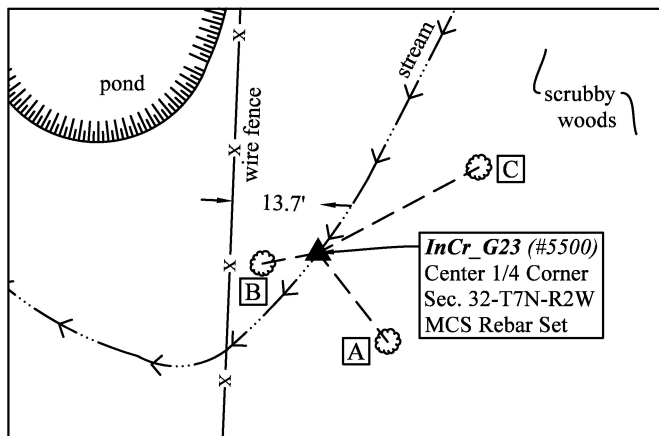
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
<i>A</i>	<i>S 38° E</i>	<i>17.6'</i>	<i>2" mag nail and 1-1/2" orange plastic disc set in hack mark 10" above grade on the west side of an 8" dbh maple</i>
<i>B</i>	<i>S 79° W</i>	<i>8.8'</i>	<i>2" mag nail and 1-1/2" orange plastic disc set in hack mark 10" above grade on the south side of an 8" dbh sassafras</i>
<i>C</i>	<i>N 62° E</i>	<i>28.3'</i>	<i>2" mag nail and 1-1/2" orange plastic disc set in hack mark 12" above grade on the northwest side of a 15" dbh sycamore</i>

Notes: *Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.*

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD
Corner ID: InCr_G23
Center 1/4 Corner
Section 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

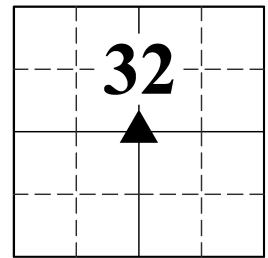


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/24/2022**



Photo Orientation & Description: **Stamped cap at G23**



Photo Orientation & Description: **Looking northeast at G23**

FIELD PERSONNEL:

Field Date: **3/24/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **45** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**
Indiana Professional Surveyor No.: **21100022**
Firm Name: **Oser Surveying & Mapping LLC**
Date: **3/31/2022**
Signature:

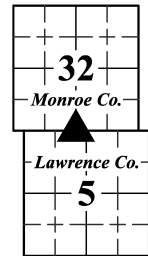
Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

MONUMENT RECORD
Corner ID: InCr_G25
South 1/4 Corner
Section 32-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P264**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
W.Oak	16"	N 43° E	11.2'
Beech	15"	S 67° W	20.5'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **No Legal Survey records found**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/17/2022** By: **RSO & PMO** Monument Found: **No** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

No survey history related to this corner was found.

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 5/8" rebar with a 2" aluminum cap stamped "MONROE COUNTY SURVEYR S 1/4 + S32 21100022" was set 0.3 feet above grade and 0.5 feet south of east to west wire fence remains.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The corner is 0.5 feet south of east to west wire fence remains approximately 1340 feet east of the centerline of Wever Road.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

The rebar was set at the intersection of the south line of the Southeast 1/4 of the Southwest 1/4 of Section 32 as established between the calculated position of the W 1/16 corner (F25) and the Utt rebar found at the N 1/4 corner of Section 5-T6N-R2W (Lawrence County 6N2WA07) and the north to south half-section line of Section 32 as established between the Utt rebar found witnessing the North 1/4 of Section 32 (#10200) and the Curry rebar found at the Center-South-South 1/64 corner (G24.5).

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **None noted.**
- Inconsistencies in the lines of Occupation: **0.5 feet.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was set 0.3 feet north of the rebar with a yellow Survey Marker sign attached 3 feet above grade.

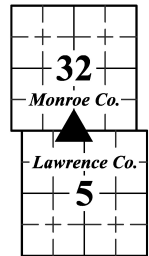
MONUMENT RECORD

Corner ID: InCr_G25

South 1/4 Corner

Section 32-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



GEODETIC COORDINATES: Northing: 1363966.42', Easting: 3073716.53'

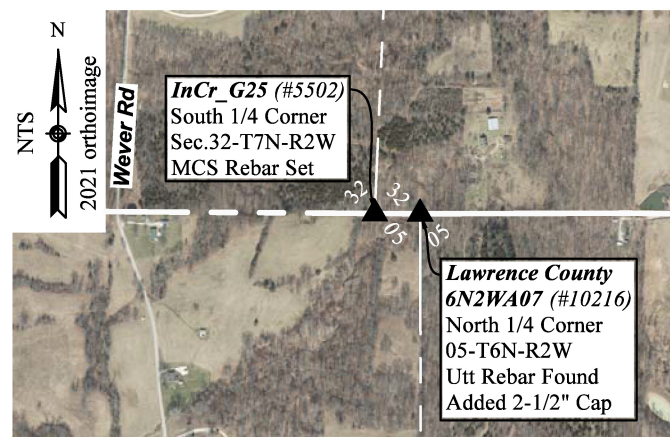
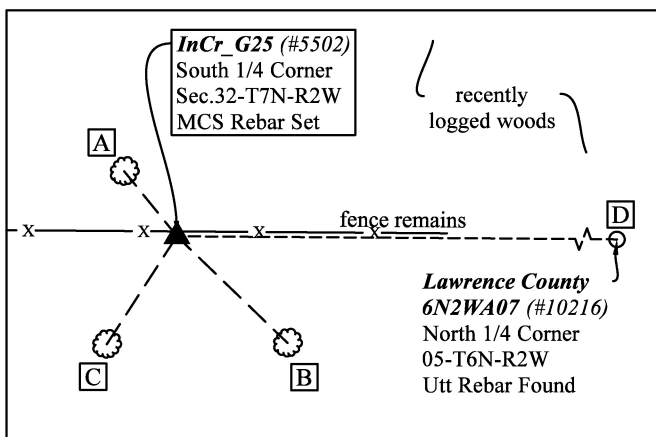
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 39° W	8.7'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 5" above grade on the southwest side of a 5" dbh elm
B	S 46° E	16.0	2" mag nail and 1-1/2" orange plastic disc set in hack mark 12" above grade on the northeast side of a 5" dbh elm
C	S 33° W	13.4'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 8" above grade on the east side of a 4" dbh elm
D	S 89°36'16" E	236.01'	5/8" rebar with 2-1/2" stamped aluminum cap found at the North 1/4 corner of Section 5-T6N-R2W (Lawrence County 6N2WA07)

Notes: Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_G25

South 1/4 Corner

Section 32-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

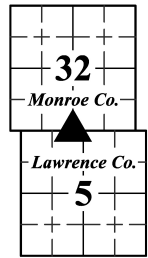


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/24/2022**



Photo Orientation & Description: **Capped rebar at G25**



Photo Orientation & Description: **Looking north at G25**

FIELD PERSONNEL:

Field Date: **3/24/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **45** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

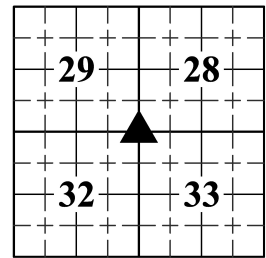
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_I21

Section Corner

Sections 28, 29, 32 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P283**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	10"	N 9° E	2.0'
Dogwood	8"	S 57° E	21.8'

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **4/17/1860** By: **Mike Gabbert**

Where filed or recorded: **MCSO LSB 2, page 30**

Original monument: **Not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Poplar	34"	N 83° E	110.6'
R.Oak	32'	S 12 W	35.0'

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **3/26/1889** By: **M. Buskirk**

Where filed or recorded: **MCSO LSB 2, page 472**

Original monument: **Not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None			
None			

Notes: **Buskirk measured to this corner, but did not describe the monument or take new bearing trees**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **11/1/2010** By: **Kevin Enright**

Where filed or recorded: **Monument Record I21**

Original monument: **Found 5/8" rebar with cap "SNA INC. LS 29900012"**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Survey sign 5' above grade on Tulip Poplar	5"	S 49° W	7.50'
Mag in wood post	8"	N 72° E	45.72'
Pinch pipe	1-1/2"	S 86° E	21.35'

Notes: **Approved by MCSRB on 12/14/2010**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/16/2022** By: **RSO & PMO** Monument Found: **Rebar** BTs or Reference Objects Found: **C & D** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Corner plats for Sections 28 and 33 IP set 41.25 feet east of corner	MCSO RSID 002039 & RSID 002123
6/14/1975	Graham, Raymond	David Charnstorm survey in Section 28	MCSO RSID 002041
1/6/1998	Utt, Lee	Survey of 120.75 acres in Section 32 (Held a location 21.25 feet west of a found pipe)	MCR 825643
3/16/2001	Tibbett, James C.	Section 29 plat (Held a location 21.25 feet west of a found pipe)	MCR 2001017175 & MCR 2001017176
9/2/2003	Deckard, Eric Lee	Boundary survey for Daisy Garton Trust. (Origin of the SNA rebar, which was set 21.02 feet west of the found pipe)	MCR 2003033113 & MCR 2005000200
2/16/2004	Archer, Steven W.	Survey of 2 tracts in Section 32	MCSO RSID 002105
12/12/2005	Smith Neubecker	Larry McConnell exhibit in Section 28	MCSO RSID 002040
12/23/2005	Smale, James	Larry D. McConnell Boundary survey	MCR 2006018972

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 5/8" rebar with yellow plastic cap stamped "SNA INC. LS 29900012" was found 4" above grade per the Monroe County Monument Record dated 11/1/2010 and accepted by the Surveyor Review Board on 12/14/2010.

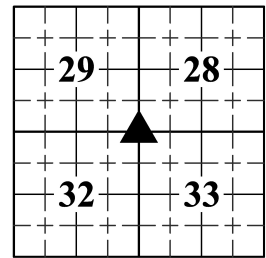
OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

MONUMENT RECORD

Corner ID: InCr_I21

Section Corner

Sections 28, 29, 32 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



The rebar is in an old east to west road bed, approximately 890 feet east of the intersection of Snow Road and Thacker Road.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

The rebar was set by Eric Deckard in 2003 at a calculated position based on prior surveys by James Tibbett and Lee Utt and has consistently been accepted as the corner on subsequent surveys. The origin of the pinch top pipe shown as Witness Tie D below is unknown.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **21.3 feet**
- Discrepancies in the Documents: **0.2 feet.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was set 0.2 feet north of the rebar with a yellow Survey Marker sign attached 3 feet above grade.

GEODETIC COORDINATES: Northing: **1369277.00'**, Easting: **3076579.34'**

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 78° W	34.7'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 7" above grade on the south side of a 9" dbh maple on the slope of the north bank of an old road bed
B	N 17° W	7.9'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 4" above grade on the east side of a 3" dbh beech on the slope of the north bank of an old road bed
C	N 70° E	45.7'	Mag nail found 9" above grade on the south side of an 8" wood post on the north top of bank of an old road bed with fence remains to the west and new barbed wire to the north
D	N 89°41'20" E	21.29'	1" pinch top pipe was found 9" above grade (#10192)

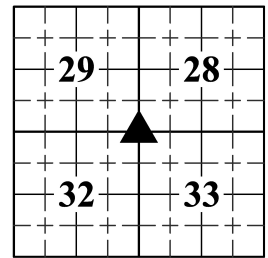
MONUMENT RECORD

Corner ID: InCr_I21

Section Corner

Sections 28, 29, 32 & 33-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



<i>E</i>	<i>East</i>	<i>41.25'</i>	<i>5/8" rebar with yellow cap stamped "SNA INC. LS 29900012" found 4" above grade. We did not measure to this monument. Record dimensions are shown.</i>
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Notes: *Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Witness Tie D was measured with RTK.*

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

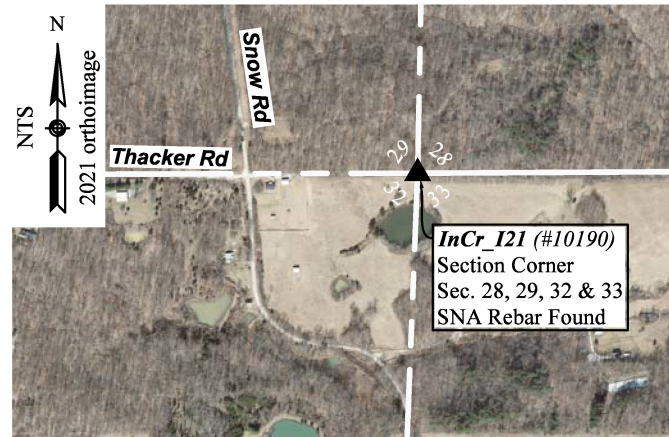
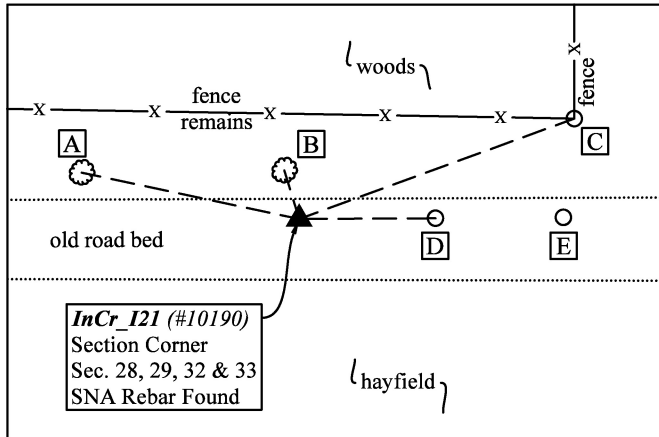


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County "PROTECT NEARBY SURVEY MARKER" sign. Provide photo orientation and date. Additional photos may be included by clicking the "+" button at the end of the horizontal line.

Photo Date: **3/16/2022**



Photo Orientation & Description: **Capped rebar at I21**



Photo Orientation & Description: **Looking north at I21**

FIELD PERSONNEL:

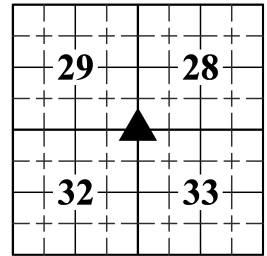
Field Date: **3/16/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **42** Notes: **None**

MONUMENT RECORD

Corner ID: InCr_I21

Section Corner

Sections 28, 29, 32 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



CERTIFICATION:

Professional Surveyor Name: *Rachel Oser*

Indiana Professional Surveyor No.: *21100022*

Firm Name: *Oser Surveying & Mapping LLC*

Date: *3/31/2022*

Signature:



Seal:

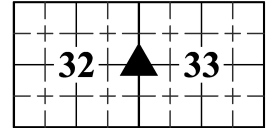
*This document is not
complete without the
associated plat and report
of even date.*

MONUMENT RECORD

Corner ID: InCr_I23

Quarter Corner

Sections 32 & 33 -T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P283**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Poplar	18"	S 61° E	9.2'
Beech	6"	N 78° W	8.6'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **4/17/1860** By: **Mike Gabbert**

Where filed or recorded: **MCSO LSB 2, page 030**

Original monument: **½ mile stake**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	10"	S 74° W	32.3'
Beech	12"	N 44° E	32.7'

Notes: **"Old bearing trees gone"**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/16/2022** By: **RSO & PMO** Monument Found: **No** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
3/26/1889	Buskirk, M.	Legal Survey in Section 33 (Measured to this corner, but did not describe the monument or take new bearing trees)	MCSO LSB 2, page 472
7/25/1985	Utt, Lee	38.22 acre survey in Section 33 (A dimension is given to this corner, but no monument is shown or described)	MCSO RSID 002119

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" rebar with a 2" aluminum cap stamped "MONROE COUNTY SURVEYOR ¼ S 32 + S33 21100022" set 3" above grade

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The rebar is on a wooded hillside between the gravel lane leading to 9710 S Snow Road to the west and a powerline cut to the east. No evidence of possession was observed in the immediate vicinity of the corner.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

Two legal surveys performed in the late 1800s reference this corner, but no trace was found of a stone or the bearing trees. Ties to a 1985 Lee Utt survey would place this corner 29 feet east and 8.5 feet south, but there is no indication that Utt monumented this corner and no trace was found of a rebar. We established this corner at the midpoint between the section corner monuments found to the north (I21) and south (I25).

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

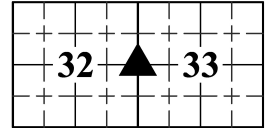
- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **15.7 feet north/south and 29 feet east/west.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT RECORD

Corner ID: InCr_I23

Quarter Corner

Sections 32 & 33 -T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was set 0.3 feet south of the rebar with a yellow Survey Marker sign attached 3.5 feet above grade.

GEODETIC COORDINATES: Northing: 1366612.70', Easting: 3076472.52'

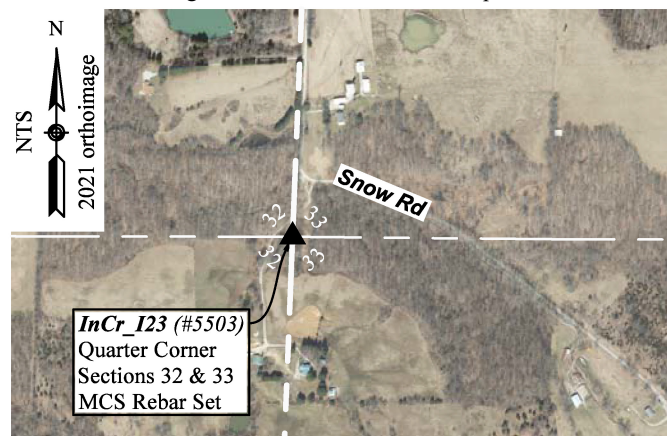
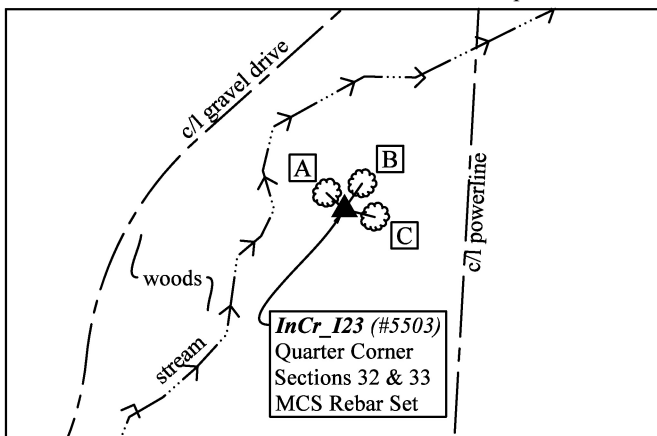
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 47° W	12.4'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 9" above grade on the southwest side of a 10" dbh tulip poplar
B	N 35° E	16.3'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 7" above grade on the west side of a 4" dbh tulip poplar
C	S 76° E	16.4'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 5" above grade on the south side of a 7" dbh tulip poplar

Notes: *Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.*

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_I23

Quarter Corner

Sections 32 & 33 -T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

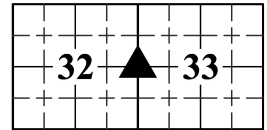


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/24/2022**



Photo Orientation & Description: **Capped rebar at I23**



Photo Orientation & Description: **Looking south at I23**

FIELD PERSONNEL:

Field Date: **3/24/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **45** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

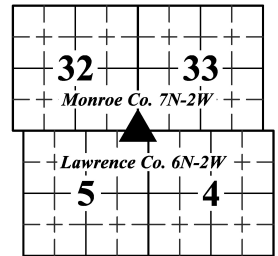
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_I25

Section Corner

Sections 32 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P264**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	24"	S 6° E	11.2'
Sugar	8"	N 67° W	6.6'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **3/26/1889** By: **M. Buskirk**

Where filed or recorded: **MCSO LSB 2, page 472**

Original monument: **Not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None			
None			

Notes: **Buskirk measured to this corner but did not describe the monument or take new bearing trees**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/14/2022** By: **RSO & PMO** Monument Found: **Pipe** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Sec. 33-7N-2W Section Corner Plat (IP Set 209.88 West of LC Harrison)	MCSO RSID002123
3/26/1889	Buskirk, M.	Legal Survey in Section 33-7N-2W	MCSO LSB 2, page 472
4/24/1995	Arena, Michael D.	Survey for Phillips and Kennedy in Section 4-6N-2W (Pipe found)	LCR IN 1995004491 (Bk 14, pg 221)
9/2/2003	Deckard, Eric Lee	Boundary survey for Daisy Garton Trust.	MCR 2003033113/2005000200 (Cab S, env 205 and 243)
2/16/2004	Archer, Steven W.	Tract 1- 10.00 acres & Tract 2- 12.67 acres	MCSO RSID002105
9/26/2011	Allen, Corey D.	Original Survey in 4-6N-2W	LCR IN 2019000811
2/27/2019	Deckard, Eric Lee	Moore Estate Survey in Sections 4 & 5-6N-2W	LCR IN 2019001345

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

½" iron pipe with yellow plastic plug found 3" below grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The pipe is on the east side of the drive entrance to a cattle yard and 1.25 feet north of the centerline of Ray Moore Road.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

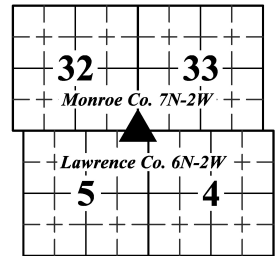
Per several prior surveys, the plastic plug in the found pipe was stamped "PRALL LS 10234". The letters are no longer legible, but we assume that the pipe was set by Prall. An undated and unsigned sketch on file in the Monroe County Surveyor's Office as RSID 002123 calls for an IP set, but we're fairly certain that the sketch was prepared by Raymond Graham, not Nelson Prall. In any case, a survey of origin to definitively explain the origin of the pipe was not found. The pipe first appeared in the modern survey record in 1995, and has consistently been accepted as the corner on subsequent surveys.

MONUMENT RECORD

Corner ID: InCr_I25

Section Corner

Sections 32 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: *Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.*
- Discrepancies in the Documents: *None noted.*
- Inconsistencies in the lines of Occupation: *None noted.*
- Theoretical Uncertainty (Random Errors in Measurement): *The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.*

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A yellow Monroe County Survey Marker was attached 3.5 feet above grade to the east side of a new upost with a Monroe County "ECM" sign at Witness Tie B.

GEODETIC COORDINATES: Northing: *1363948.39'*, Easting: *3076365.69'*

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	S 89°48'52" E	209.44'	5/8" rebar with Deckard cap found flush 2 feet south of the centerline of Ray Moore Road at the Section Corner common to Sections 4 & 5-6N-2W (Lawrence County 6N2WA09)
B	N 83° W	45.8'	U post with Monroe County "ECM" sign. Attached yellow Monroe County Survey Marker sign 3.5 feet above grade on the east side of the post.
C	S 86° W	167.8'	NE side of 3-1/2" dia. galvanized fence post with fence west and south
D	S 30° E	102.9'	2" mag nail and 1-1/2" orange plastic disc set 4" above grade on the northwest side of a 12" utility pole fence post
E	S 85° E	154.75'	2" mag nail and 1-1/2" orange plastic disc set 2" above grade on the north side of a 6" wood fence post with fence to the east

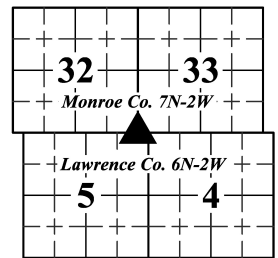
Notes: *Witness ties were measured with RTK.*

MONUMENT RECORD

Corner ID: InCr_I25

Section Corner

Sections 32 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

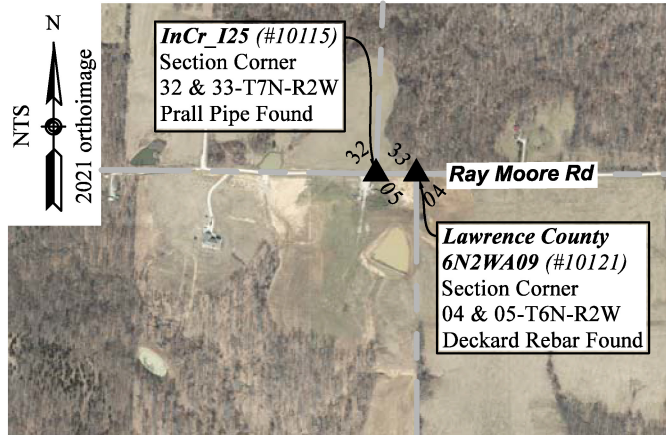
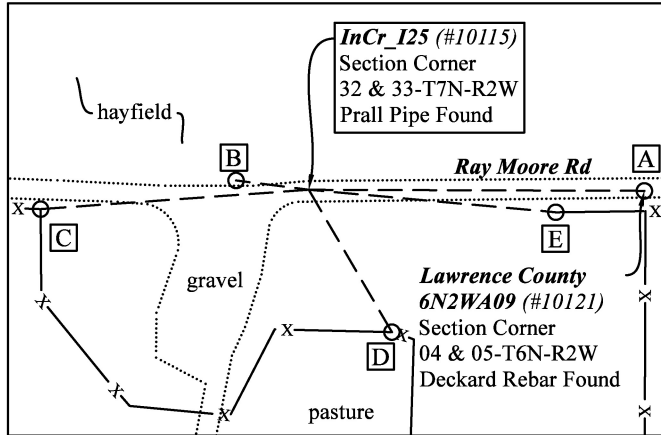


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/14/2022**



Photo Orientation & Description: **Pipe at I25**



Photo Orientation & Description: **Looking south at I25**

FIELD PERSONNEL:

Field Date: **3/14/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **41** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**
Indiana Professional Surveyor No.: **21100022**
Firm Name: **Oser Surveying & Mapping LLC**
Date: **3/31/2022**
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_K21

Quarter Corner

Sections 28 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: *Arthur Henrie*

Where filed or recorded: *F_EV02P283*

Original monument: *Wood post*

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
<i>Sugar</i>	<i>10"</i>	<i>S 60° E</i>	<i>5.9'</i>
<i>Beech</i>	<i>4"</i>	<i>N 46° E</i>	<i>7.3'</i>

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 1/9/1855 By: *John Paynter*

Where filed or recorded: *MCSO LSB 1, page 288*

Monument: *corner made*

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
<i>Maple</i>	<i>28"</i>	<i>N 20° E</i>	<i>19.1'</i>
<i>Dogwood</i>	<i>4"</i>	<i>N 43° E</i>	<i>20.5'</i>

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 3/26/1889 By: *M. Buskirk*

Where filed or recorded: *MCSO LSB 2, page 472*

Monument: *Established corner for northern 1/2 mile*

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
<i>B. Walnut</i>	<i>5"</i>	<i>N 29° W</i>	<i>27.7'</i>
<i>B. Walnut</i>	<i>3"</i>	<i>S 78° E</i>	<i>46.2'</i>

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 11/22/2010 By: *Kevin Enright*

Where filed or recorded: *Monroe County Mon. Record K21*

Original monument: *Found 3/4" pinched iron pipe*

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
<i>Mag in Sugar Maple</i>	<i>20"</i>	<i>S 73° W</i>	<i>39.98'</i>
<i>MCSO survey sign on tpost</i>		<i>N 55° W</i>	<i>0.22'</i>
<i>Mag in W. Oak</i>	<i>26"</i>	<i>S 73° E</i>	<i>46.25'</i>

Notes: *Approved by MCSRB on 12/14/2010*

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: 3/16/2022 By: *RSO & PMO* Monument Found: *Pipe* BTs or Reference Objects Found: *Found all reference objects from 2010 Monument Record. Did not find the mag nails in the trees* Notes: *None*

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
<i>Undated</i>	<i>Unknown</i>	<i>Section Corner plats for Sections 28 and 33 (Origin of IP)</i>	<i>MCSO RSID 002039</i> <i>MCSO RSID 002123</i>
<i>4/28/1839</i>	<i>Spencer, James</i>	<i>Legal Survey in Section 33</i>	<i>MCSO LSB1, pg 066</i>
<i>6/14/1975</i>	<i>Graham, Raymond</i>	<i>David Charnstorm survey in Section 28</i>	<i>MCSO RSID 002041</i>
<i>9/2/2003</i>	<i>Deckard, Eric Lee</i>	<i>Boundary survey for Daisy Garton Trust</i>	<i>MCR 2003033113</i> <i>MCR 2005000200</i>
<i>12/23/2005</i>	<i>Smale, James</i>	<i>Larry D. McConnell Boundary survey</i>	<i>MCR 2006018972</i>

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

3/4" pinch top galvanized iron pipe found 6" above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The corner is approximately 300 feet north of the northeast corner of a hayfield and is located between an old road bed to the south and a more recent logging road to the north.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

No trace was found of the monument or the bearing trees from either of the 1800s era legal surveys listed above. An IP set is shown at this corner on unsigned and undated section corner plats for Sections 28 and 32. The bearings

MONUMENT RECORD

Corner ID: InCr_K21

Quarter Corner

Sections 28 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



and distances on the section corner plats correspond to a survey for David Charnstorm by Raymond Graham dated 6/14/1975 and filed digitally in the office of the Monroe County Surveyor as RSID002041. The Charnstorm survey does not depict any monuments. It is likely that the pipe and the undated section corner plats originated from Raymond Graham in the mid-1970s. The pipe first appeared on a recorded survey in 2003 when it was accepted by Eric Deckard. It has been accepted consistently on subsequent surveys and was accepted by the Monroe County Surveyor Review Board on 12/14/2010.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: *Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.*
- Discrepancies in the Documents: *1.9 feet.*
- Inconsistencies in the lines of Occupation: *North/south fence remains were observed 46 feet east of the pipe and east/west fence remains were observed 12.5 feet south of the pipe. The approximate centerline of an old road bed is located 31 feet south of the pipe.*
- Theoretical Uncertainty (Random Errors in Measurement): *The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.*

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was found 0.2 feet northwest of the pipe with a yellow Survey Marker sign attached 3 feet above grade.

GEODETIC COORDINATES: Northing: 1369291.16', Easting: 3079188.00'

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES:

ID	Bearing	Distance	Description
A	N 86° E	22.4'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 6" above grade on the southeast side of a 16" dbh shagbark hickory
B	S 74° W	40.0	Hacked mark over old mag nail found 6" above grade on the southeast side of a 17" dbh maple (2010 Witness B)
C	S 13° W	8.5'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 5" above grade on the east side of a 6" dbh tight-bark hickory
D	S 73° E	48.4'	No nail was found in the 26" oak tree listed as Witness D on the 2010 Monument Record. The tree is embedded with north/south fence remains. The distance noted hereon is to the south side of the middle of the tree.

Notes: *Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.*

MONUMENT RECORD

Corner ID: InCr_K21

Quarter Corner

Sections 28 & 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

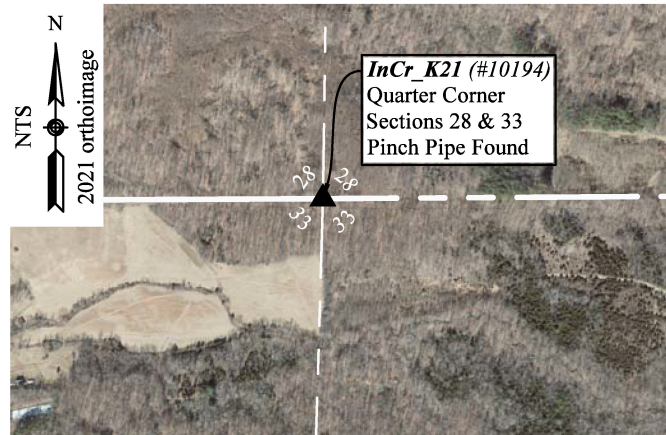
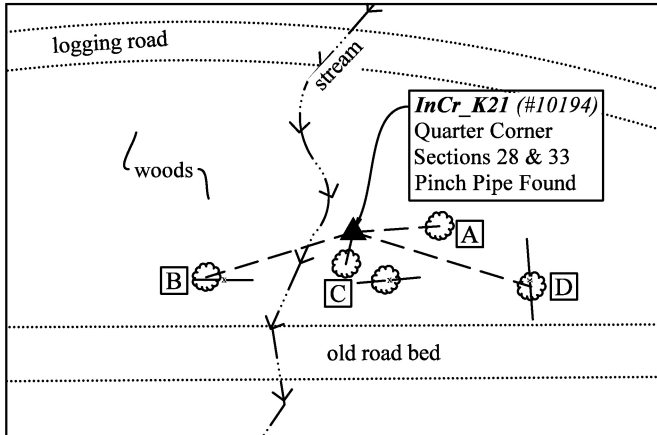


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County "PROTECT NEARBY SURVEY MARKER" sign. Provide photo orientation and date.

Photo Date: **3/16/2022**



Photo Orientation & Description: **Pinch top pipe at K21**



Photo Orientation & Description: **Looking northeast at K21**

FIELD PERSONNEL:

Field Date: **3/16/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **42** Notes: **None**

CERTIFICATION:

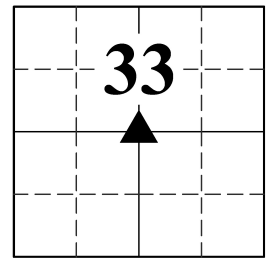
Professional Surveyor Name: **Rachel Oser**
Indiana Professional Surveyor No.: **21100022**
Firm Name: **Oser Surveying & Mapping LLC**
Date: **3/31/2022**
Signature:

Rachel Oser



This document is not complete without the associated plat and report of even date.

MONUMENT RECORD
Corner ID: InCr_K23
Center 1/4 Corner
Section 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: By: Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: *Not an original government corner*

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: *4/28/1839* By: *James Spencer*

Where filed or recorded: *MCSO LSB 1, page 066*

Original monument: *Not described*

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
<i>Ironwood</i>	<i>4"</i>	<i>S 60° E</i>	<i>8.6'</i>
<i>Hickory</i>	<i>3"</i>	<i>S 60° W</i>	<i>5.9'</i>

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: *3/26/1889* By: *M. Buskirk*

Where filed or recorded: *MCSO LSB 2, page 472*

Original monument: *Established corner*

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
<i>White Oak</i>	<i>36"</i>	<i>S 9° E</i>	<i>47.5'</i>
<i>W.Oak</i>	<i>40"</i>	<i>S 78° E</i>	<i>61.4'</i>

Notes: *Established at crossing of the lines from E to W and from N to S*

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: *11/22/2010* By: *Kevin Enright*

Where filed or recorded: *MCSO Mon. Record K23*

Original monument: *Found 3/4" iron pipe*

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
<i>Red Oak</i>	<i>38"</i>	<i>S 23° E</i>	<i>13.82'</i>
<i>MCSO sign on t-post</i>		<i>S 04° W</i>	<i>2.04'</i>
<i>Mag in wood post</i>	<i>12"</i>	<i>N 50° E</i>	<i>14.18'</i>

Notes: *Approved by MCSRB on 12/14/2010*

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: *3/16/2022* By: *RSO & PMO* Monument Found: *7/8" o.d. thin-walled iron pipe found broken off 3" below grade* BTs or Reference Objects Found: *Found all witnesses from 2010 Monument Record* Notes: *None*

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
<i>7/25/1985</i>	<i>Utt, Lee</i>	<i>38.22 acre survey in Section 33</i>	<i>MCSO RSID 002119</i>
<i>9/9/2003</i>	<i>Deckard, Eric Lee</i>	<i>Boundary survey for Daisy Garton Trust.</i>	<i>MCR 2003033113</i> <i>MCR 2005000200</i>

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" rebar with 2" aluminum cap stamped "MONROE COUNTY SURVEYOR 2022 C1/4 + S33 21100022" was set 3" above grade inside the base of a broken 7/8" thin-walled iron pipe.

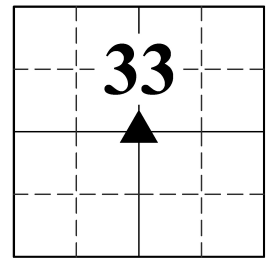
OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The rebar is in line with fence to the north, south, and west at the southeast corner of a hayfield.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

This corner was established by Monroe County Surveyor M. Buskirk in 1889 at the intersection of opposite quarter corners. No trace was found of Buskirk's monument or its accessories. A 1985 survey by Lee Utt depicts a monument at this corner and at the CW 1/16 corner (J23), but does not describe the type of monument. We found the same, very distinctive type of pipe at this corner and at J23. Both pipes were broken, with a 7/8" outside diameter, a thin-wall, and a spiral pattern on the outside. The measured distance between the two pipes matches the record distance from the Utt survey within hundredths of a foot. This evidence leads us to believe that the pipe was

MONUMENT RECORD
Corner ID: InCr_K23
Center 1/4 Corner
 Section 33-T07N-R02W, 2nd P.M.
 Indian Creek Township, Monroe County, Indiana



set by Lee Utt in 1985. The pipe was accepted as the corner by Eric Deckard in 2003 and by the Monroe County Surveyor Review Board in 2010.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: *Without a chain of records to prove the perpetuation of the original monument established by Spencer in 1839, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.*
- Discrepancies in the Documents: *Up to 21 feet due to variances between measured distances and record distances from 1800s legal surveys.*
- Inconsistencies in the lines of Occupation: *13 feet.*
- Theoretical Uncertainty (Random Errors in Measurement): *The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.*

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post is located 2.1 feet southerly from the corner in a north/south wire fence with a yellow Monroe County Survey Marker sign attached 4 feet above grade.

GEODETIC COORDINATES: Northing: *1366596.57'*, Easting: *3079110.03'*

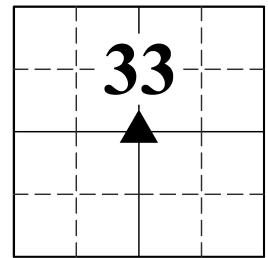
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
<i>A</i>	<i>N 87° W</i>	<i>9.4'</i>	<i>1-1/2" orange plastic disc wired 4 feet above to galvanized u-post in east/west wire fence</i>
<i>B</i>	<i>S 23° E</i>	<i>13.9'</i>	<i>Hacked over old mag nail found 10" above grade on the east side of a 36" oak (Witness Tie B from 2010 Monument Record)</i>
<i>C</i>	<i>N 37° E</i>	<i>14.3'</i>	<i>Mag nail found 6" above grade on the east side of a 12" utility pole fence post in east/west wire fence (Witness Tie D from 2010 Monument Record)</i>

Notes: *Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.*

MONUMENT RECORD
Corner ID: InCr_K23
Center 1/4 Corner
Section 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

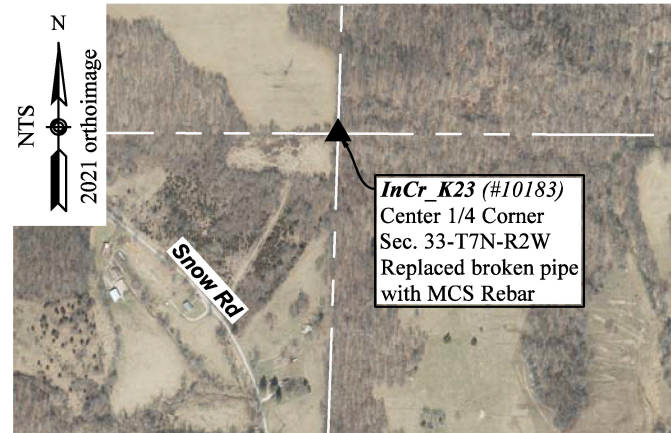
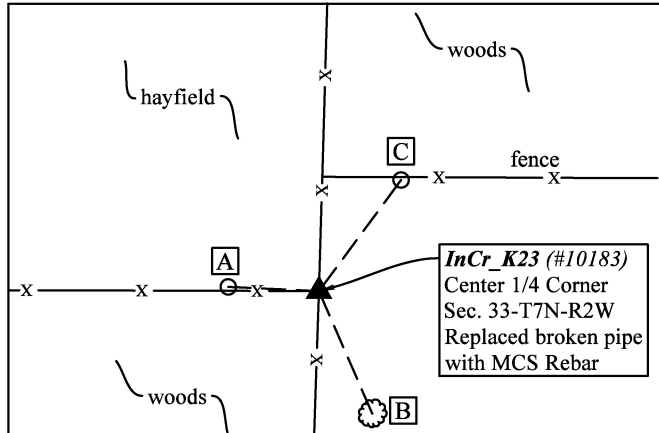


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/16/2022**



Photo Orientation & Description: **Capped rebar at K23**



Photo Orientation & Description: **Looking southeast at K23**

FIELD PERSONNEL:

Field Date: **3/16/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **42** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**
Indiana Professional Surveyor No.: **21100022**
Firm Name: **Oser Surveying & Mapping LLC**
Date: **3/31/2022**
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

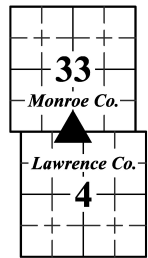
MONUMENT RECORD

Corner ID: InCr_K25

South ¼ Corner

Section 33-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P264**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	14"	N 4° E	4.6'
Sugar	9"	N 81° W	11.2'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **3/26/1889** By: **Buskirk, M.**

Where filed or recorded: **MCSO LSB 2, pg 472**

Original monument: **Monument not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None			

Notes: **Buskirk measured to this corner, but did not describe the monument or take new bearing trees**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **4/28/1839** By: **Spencer, James**

Where filed or recorded: **MCSO LSB 1, pg 066**

Original monument: **Monument not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None			

Notes: **Spencer measured to this corner, but did not describe the monument or take new bearing trees**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **2/25/1998** By: **Michael Arena**

Where filed or recorded: **Lawrence Co. Corner Record Z11**

Original monument: **½" pipe found**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Walnut	32"	357°	52.2'
Walnut	26"	42°	26.0'
Hickory clump in fence		285°	19.3'

Notes: **If nails are in trees, they are buried.**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/25/2022** By: **RSO & PMO** Monument Found: **pipe** BTs or Reference Objects Found: **All from 1998** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Sec. 33 Section Corner Plat (IP set 160.62' west of Harrison at N1/4 Section 4)	MCSO RSID 002123
7/25/1985	Utt, Lee	38.22 acre survey in Section 33 (No monument shown)	MCSO RSID 002119
4/24/1995	Arena, Michael	Survey for Phillips and Kennedy in Section 4-6N-2W (Pipe found 193.05 feet west of pin set at N1/4 of Section 4)	LCR IN 1995004491 (Bk 14, pg 221)

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A ½" iron pipe was found 3" below grade.

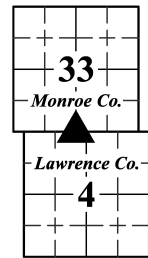
OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The pipe is 0.15 feet east of the east side of a 7" treated wooden post with new woven wire fence extending south.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

No trace was found of a stone or any of the original bearing trees. The origin of the pipe is unknown. An undated and unsigned plat of Section 33 on file in the Monroe County Surveyor's Office depicts an IP set 160.62 feet of the Lawrence County Harrison Monument, but no pipe was found at that location. The found pipe was accepted by Michael Arena in 1995 and is witnessed on a 1998 Lawrence County Monument Record. The pipe fits well with

MONUMENT RECORD
Corner ID: InCr_K25
South ¼ Corner
 Section 33-T07N-R02W, 2nd P.M.
 Indian Creek Township, Monroe County, Indiana



evidence of possession and other survey monuments in the area and was accepted as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: *Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.*
- Discrepancies in the Documents: **32.4'**
- Inconsistencies in the lines of Occupation: *Wire fence observed 16.5 feet north*
- Theoretical Uncertainty (Random Errors in Measurement): *The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.*

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A Monroe County Survey Marker sign was nailed 4.5 feet above grade to the east side of a 7" treated wood post on the west side of the pipe with fence extending to the south.

GEODETIC COORDINATES: Northing: **1363942.32'**, Easting: **3079021.83'**

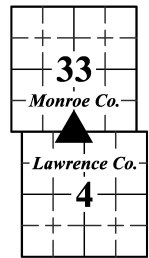
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 6° W	5.05'	2" mag nail and 1-1/2" orange plastic disc set 5" above grade on the east side of a 7" x 8" railroad tie post
B	N 89° E	11.7'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 10" above grade on the north side of a 13" dbh oak
C	S 1° E	9.9'	2" mag nail and 1-1/2" orange plastic disc set 6" above grade on the east side of a 6" treated wood post
D	N 89°19'25" E	192.89'	4" diameter Harrison Monument cast "SECTION CORNER" on top found flush near the North ¼ Corner of Section 4-T6N-R2W (Lawrence County 6N2WA11). A ½" rebar with a yellow plastic cap stamped "ARENA S0242" was found 0.2 feet below grade SOUTH 2.8 feet from the Harrison Monument. The rebar has also been accepted as the North ¼ Corner of Section 4 on some surveys.

Notes: *Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Witness D was measured with RTK.*

MONUMENT RECORD
Corner ID: InCr_K25
South ¼ Corner
Section 33-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

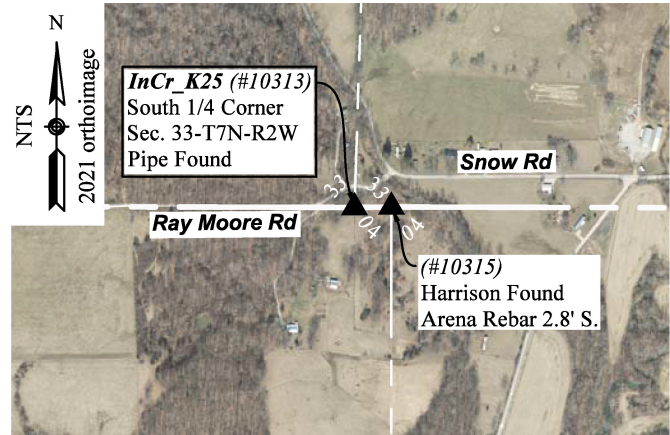
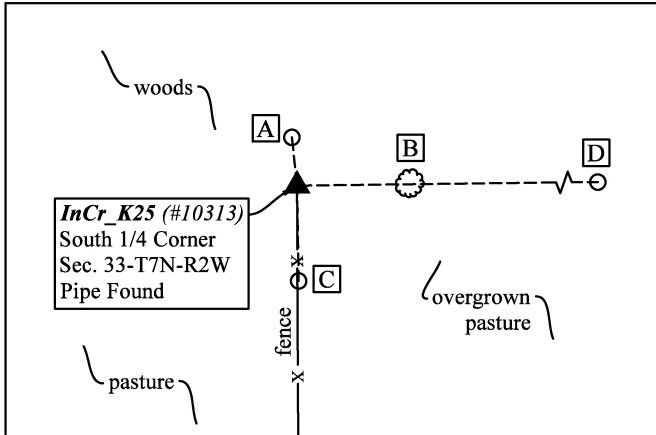


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/25/2022**



Photo Orientation & Description: **Pipe found at K25**



Photo Orientation & Description: **Looking west at K25**

FIELD PERSONNEL:

Field Date: **3/25/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **45** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**
Indiana Professional Surveyor No.: **21100022**
Firm Name: **Oser Surveying & Mapping LLC**
Date: **3/31/2022**
Signature:

Rachel Oser



Seal:

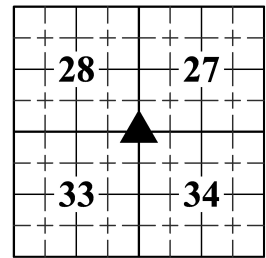
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_M21

Section Corner

Sections 27, 28, 33 & 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P280**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	10"	N 18° E	9.2'
Beech	5"	S 24° E	12.5'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **11/19/2010** By: **Kevin Enright**

Where filed or recorded: **MCSO Mon. Record InCr_M21**

Original monument: **Found 1-1/2" iron pipe**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Mag in beech	24"	S 84° W	75.13'
Survey sign in red oak	3"	N 20° E	2.62'
Mag in red oak	30"	S 89° E	14.35'

Notes: **Approved by the MCSRB on 12/14/2010**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/14/2022** By: **RSO & PMO** Monument Found: **On 3/14/2022, we found the 1-1/2" o.d. iron pipe found 8" above grade under the trunk of a fallen 30" oak tree. We also searched for a stone per the undated section corner plats referenced below. On 3/17/2022, we removed the portion of the tree that was over the pipe. On 3/25/2022, we drove the pipe down to 1" above grade and set a capped rebar inside** BTs or Reference Objects Found: **All trees found from 2010, but no nails found. Both red oaks are dead.** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Section Corner plats for Sections 28, 33, & 34 (These surveys show a stone set)	MCSO RSID 002039 MCSO RSID 002123 MCSO RSID 002127
1/9/1855	Paynter, John	Legal Survey in Section 28 (measured to this corner but did not take new bearing trees or describe monument)	MCSO LSB 1, pg 288
3/26/1889	Buskirk, M	Legal Survey in Section 33 (measured to this corner but did not take new bearing trees or describe monument)	MCSO LSB 2, pg 472
6/14/1975	Graham, Raymond	David Charnstorm survey in Section 28	MCSO RSID 002041
9/2/2003	Deckard, Eric Lee	Boundary survey for Daisy Garton Trust	MCR 2003033113 MCR 2005000200

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" x 30" rebar with 2" aluminum cap stamped "MONROE COUNTY SURVEYOR S28 S27 + S33 S34 21100022" set 3" above grade inside a found 1-1/2" o.d. iron pipe.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The corner is on the north bank of old (no longer maintained) Linthicum Road, in line with fence remains north, west, and east.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

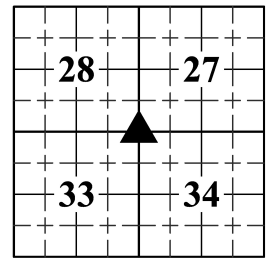
The origin of the iron pipe is unknown. It was accepted by Eric Deckard in 2003 and by the Monroe County Surveyor Review Board in 2010. We accepted the pipe as the best evidence of the corner.

MONUMENT RECORD

Corner ID: InCr_M21

Section Corner

Sections 27, 28, 33 & 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: *Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.*
- Discrepancies in the Documents: *83.2 feet due to discrepancies between measured distances and record distances shown on the original government survey.*
- Inconsistencies in the lines of Occupation: *None noted.*
- Theoretical Uncertainty (Random Errors in Measurement): *The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.*

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was set 0.5 feet north of the corner with a yellow Survey Marker sign attached 2.5 feet above grade.

GEODETIC COORDINATES: Northing: *1369308.38'*, Easting: *3081831.28'*

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 18° W	17.2'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 8" above grade on the east side of a 7" dbh oak
B	S 38° W	33.5'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 8" above grade on the east side of a 4" dbh tulip poplar
C	S 30° E	47.3'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 6" above grade on the northeast side of a 6" dbh cedar

Notes: *Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.*

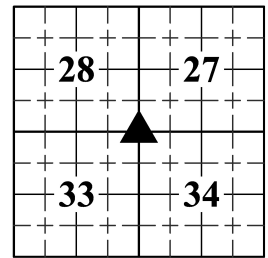
MONUMENT RECORD

Corner ID: InCr_M21

Section Corner

Sections 27, 28, 33 & 34-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

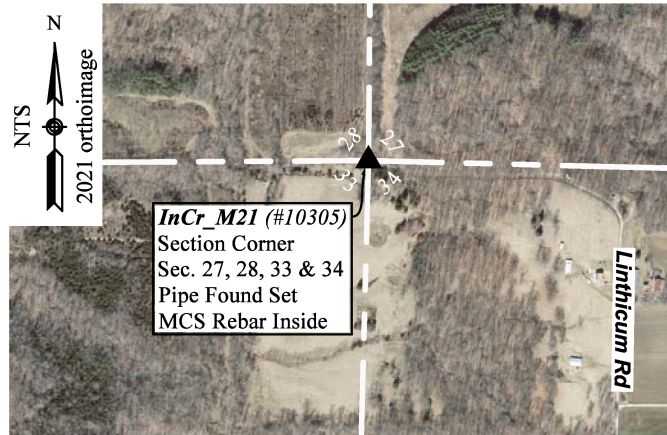
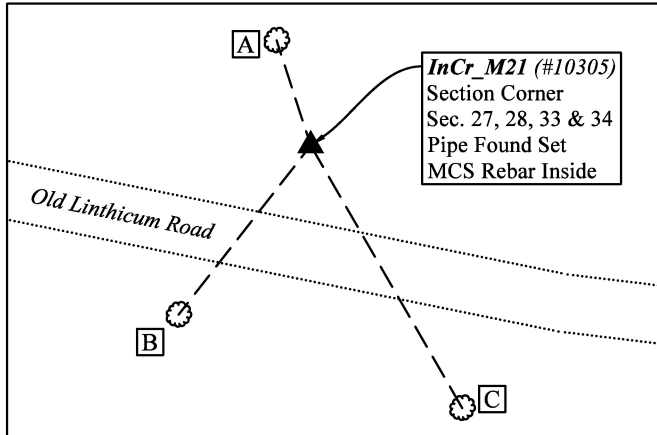


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: 3/25/2022



Photo Orientation & Description: *Capped rebar at M21*



Photo Orientation & Description: *Looking north at M21*

FIELD PERSONNEL:

Field Date: 3/25/2022 By: *Rachel Oser & Phillip Oser* Project #: 10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West Field Book: 3, page: 45 Notes: None

CERTIFICATION:

Professional Surveyor Name: *Rachel Oser*

Indiana Professional Surveyor No.: 21100022

Firm Name: *Oser Surveying & Mapping LLC*

Date: 3/31/2022

Signature:

Rachel Oser



Seal:

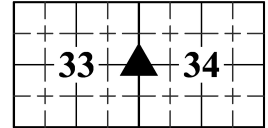
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_M23

Quarter Corner

Sections 33 & 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P279**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	10"	N 24° E	12.5'
Sugar	6"	S 9° W	7.9'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **11/22/2010** By: **Kevin Enright**

Where filed or recorded: **MCSO Mon. Record InCr_M23**

Original monument: **Found 1-1/8" iron pipe 0.6' a.g.**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Mag in 1"x1"x2.5' metal post w/ MCSO sign		N 60° E	0.10'
Mag in sugar maple	26"	S 09° E	15.90'
Mag in sugar maple	16"	N 89° W	46.45'

Notes: **Approved by MCSRB on 12/14/2010**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/16/2022** By: **RSO & PMO** Monument Found: **Pipe** BTs or Reference Objects Found: **None from original survey. Post with sign from 2010.** Notes: **Fences in the area are new. Both sugar maples from 2010 are gone.**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Section Corner plats for Sections 33 & 34 (IP set shown on these surveys)	MCSO RSID 002123 MCSO RSID 002127
9/2/2003	Deckard, Eric Lee	Boundary survey for Daisy Garton Trust	MCR 2003033113 MCR 2005000200

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

1-1/4" o.d. iron pipe was found 0.7 feet above grade on the north side of an 8" wood post.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The pipe is in a wooded area 1320 feet west of Linthicum Road at the northeast corner of a pasture with new high-tensile fence to the west and south.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

The origin of this pipe is unknown. It was accepted by Eric Deckard in 2003 and by the Monroe County Surveyor Review Board in 2010. We accepted the pipe as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

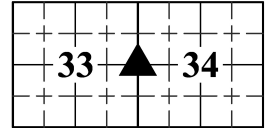
- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **9.9 feet due to discrepancies between measured distances and record distances from the original government survey.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT RECORD

Corner ID: InCr_M23

Quarter Corner

Sections 33 & 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A Monroe County Survey Marker sign was nailed 4.6 feet above grade to the north side of an 8" wooden corner post with high-tensile fence extending south and west. The center of the post is 0.6 feet south of the pipe. There is also a 1" x 1" angle iron with a Monroe County Survey Marker sign attached 2.5 feet tall on the southwest side of the pipe.

GEODETIC COORDINATES: Northing: 1366586.10', Easting: 3081760.04'

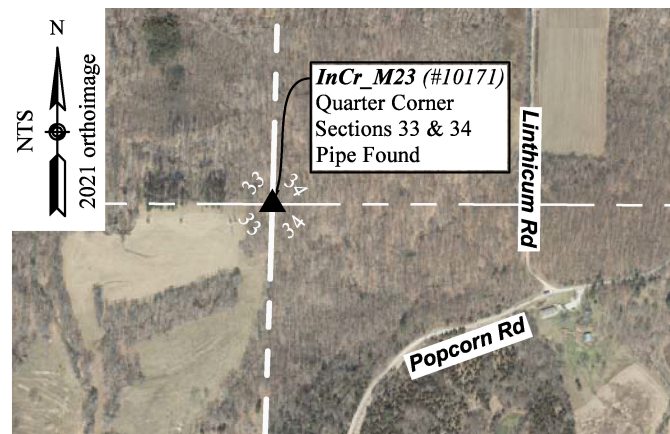
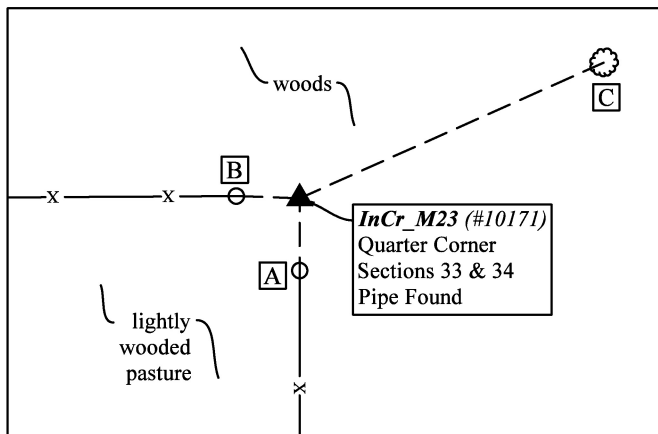
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	S 0° E	7.5'	2" mag nail and 1-1/2" orange plastic disc set 8" above grade on the east side of an 8" wood post
B	N 88° W	6.6'	2" mag nail and 1-1/2" orange plastic disc set 6" above grade on the north side of an 8" wood post
C	N 66° E	34.6'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 6" above grade on the south root of an 18" + 18" double shagbark hickory

Notes: Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_M23

Quarter Corner

Sections 33 & 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

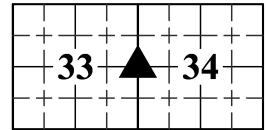


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/16/2022**



Photo Orientation & Description: **Pipe at M23**



Photo Orientation & Description: **Looking south at M23**

FIELD PERSONNEL:

Field Date: **3/16/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **42** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:



Seal:

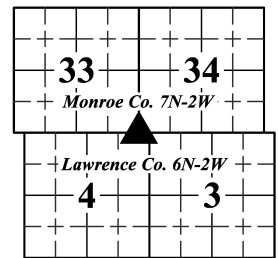
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_M25

Section Corner

Sections 33 & 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P263**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
W.Oak	18"	S 25° W	20.5'
Sugar	14"	N 65° E	13.2'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **No legal survey records found**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/14/2022** By: **RSO & PMO** Monument Found: **rebar** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Section corner plats for Sections 33 & 34-7N-2W (Depicts stone set – Not found 2022)	MCSO RSIDs 002123 & 002127
12/19/1972	Prall, Nelson	Survey for Holmes in Sections 3 & 4-6N-2W and Sections 33 & 34-7N-2W (Monument not shown)	LCSO
39/9/1990	Sipes, Robert	Survey of 6989 W Popcorn Rd in Sec. 33 & 34-7N-2W	MCSO RSID 002120
2/13/1993	Ramsey, Stephen	89.7 acre survey in Section 34-7N-2W	MCSO RSID 002125
9/2/2003	Deckard, Eric	Boundary survey for Daisy Garton Trust	MCR 2003033113 MCR 2005000200

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" rebar 12" below grade in a field of row crops capped with a 2" aluminum cap stamped "MONROE COUNTY SURVEYOR 33 34 + 04 21100022"

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The rebar is in a field approximately 150 feet southwest of the southwest corner of a large wooden barn.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

Nelson Prall established this corner in 1972, but the pipe was not found. A set stone is shown at this corner on an undated plat on file in the Monroe County Surveyor's Office, but the stone was not found either. In 1993, Stephen Ramsey established this corner 176.22 feet west of the Harrison Monument at the Lawrence County closing corner (Witness Tie A below). Ramsey held the 176.22 foot distance as opposed to the 163.02 foot distance from the original survey notes to agree with Nelson Prall and because the location agreed with fences observed to the north. We presume that the found rebar was set by Stephen Ramsey and we accepted it as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

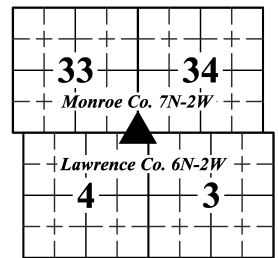
- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **13.6 feet.**

MONUMENT RECORD

Corner ID: InCr_M25

Section Corner

Sections 33 & 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



- Inconsistencies in the lines of Occupation: *None noted.*
- Theoretical Uncertainty (Random Errors in Measurement): *The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.*

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A stamped aluminum cap was added to the top of the found rebar and the rebar was reburied.

GEODETIC COORDINATES: Northing: *1363937.58'*, Easting: *3081675.19'*

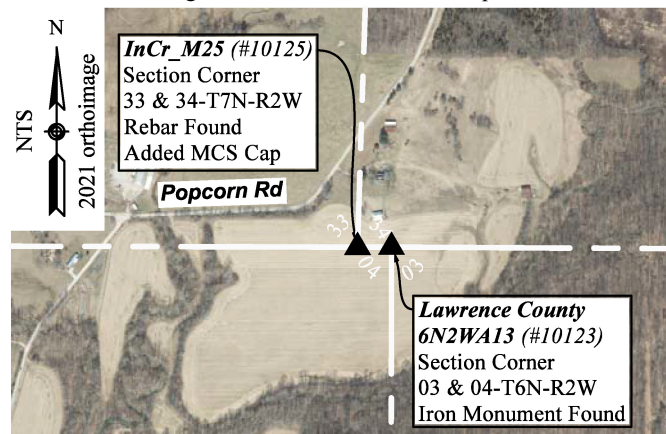
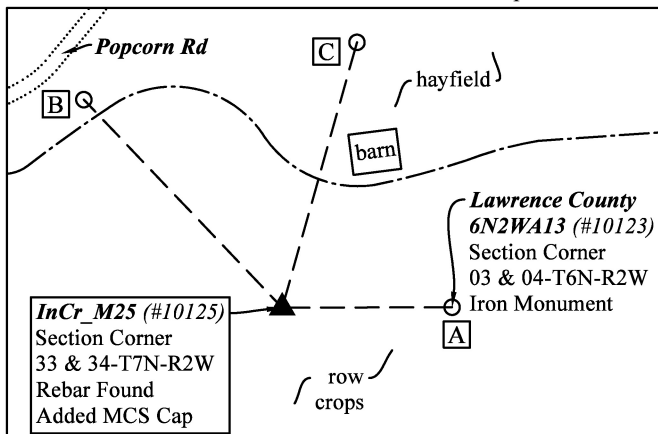
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 89°51'14" E	176.64'	Broken base of Harrison Monument with 1-1/2" drill steel found 12" below grade at the Section Corner common to Sections 3 and 4-T6N-R2W (Lawrence County 6N2WA13)
B	N 43° 42' W	298.7'	2" mag nail and 1-1/2" orange plastic disc set 2" above grade on the west side of 8" utility pole UDWI 138106
C	N 15° 45' E	286.2'	2" mag nail and 1-1/2" orange plastic disc set 2" above grade on the east side of 8" utility pole UDWI 138108

Notes: *Witness ties were measured with RTK.*

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_M25

Section Corner

Sections 33 & 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

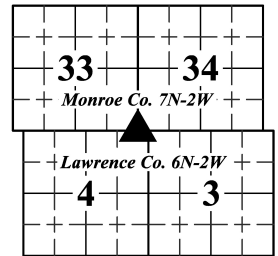


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/14/2022**



Photo Orientation & Description: **Capped rebar at M25**



Photo Orientation & Description: **Looking north at M25**

FIELD PERSONNEL:

Field Date: **3/14/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **41** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_021

Quarter Corner

Sections 27 & 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P280**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
W.Oak	20"	East	19.1'
Hickory	10"	S 60° W	8.6'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **No legal survey records found**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/16/2022** By: **RSO & PMO** Monument Found: **Rebar** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Section Corner plat for Section 34 (IP set at fence corner)	MCSO RSID 002127
2/13/1993	Ramsey, Stephen	89.7 acre survey in Section 34	MCSO RSID 002125
9/2/2003	Deckard, Eric Lee	Boundary survey for Daisy Garton Trust (Ramsey rebar found 20.0 feet south of corner)	MCR 2003033113 MCR 2005000200

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" rebar with 2" aluminum cap 5" below grade on the east side of a tractor path. The cap is stamped "MONROE COUNTY SURVEYOR S 27 ¼ + S34 21100022"

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The rebar was found flush on the east side of tractor path in a deep rut. We added the aluminum cap and drove the rebar down to 5" below grade to help prevent it from being damaged. Wire fence remains were observed to the east.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

The origin of the rebar is unknown. A 2003 survey by Eric Deckard called the Ramsey rebar out as a 20 foot witness to the corner, but Deckard did not indicate that he set a rebar. The rebar fits reasonably well with the 1993 Ramsey survey, the 2003 Deckard survey, and other survey monuments in the area. We accepted it as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **0.7 feet.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT RECORD

Corner ID: InCr_O21

Quarter Corner

Sections 27 & 34-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was set 4.9 feet southeast of the rebar on the edge of the tractor path with a yellow Monroe County Survey Marker sign attached 3 feet above grade.

GEODETTIC COORDINATES: Northing: 1369241.88', Easting: 3084470.33'

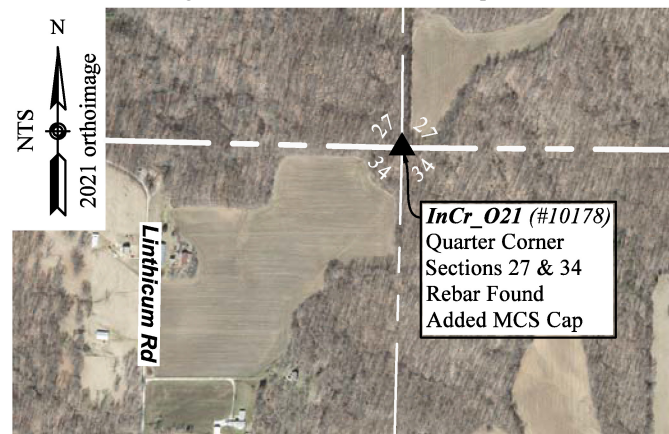
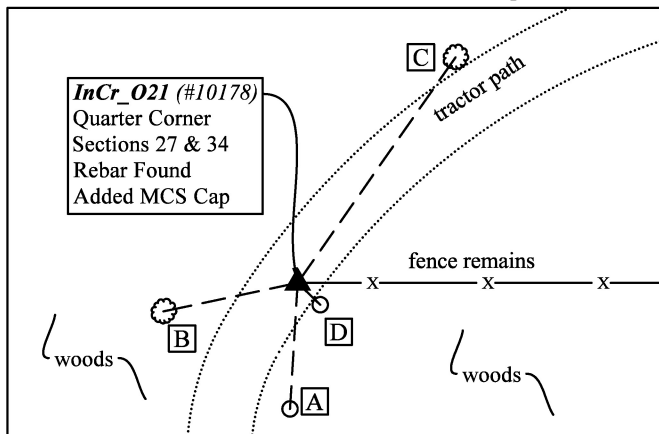
BASIS OF GEODETTIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	S 3°28'35" W	19.69'	5/8" rebar with yellow plastic cap stamped "STEPHEN E. RAMSEY # S0374" found flush 1 foot south of the middle of a railroad tie post
B	S 78° W	21.4'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 5" above grade on the northeast side of a 6" dbh elm
C	N 35° E	42.9'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 12" above grade on the northwest side of an 8" dbh tulip poplar
D	S 46° E	4.9'	T-post with Survey Marker sign 3 feet above grade on the east side of tractor path

Notes: *Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Witness Tie A was located with RTK.*

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_O21

Quarter Corner

Sections 27 & 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/16/2022**



Photo Orientation & Description: **Capped rebar at O21**



Photo Orientation & Description: **Looking east at O21**

FIELD PERSONNEL:

Field Date: **3/16/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **42** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

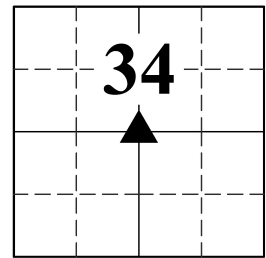
MONUMENT RECORD

Corner ID: InCr_023

Center 1/4 Corner

Section 34-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Notes: *Not an original government corner*

SUBSEQUENT CORNER RESTORATION:

Notes: *No legal survey records found*

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: *3/14/2022 (Corner not found. Found Ramsey Rebar at Witness Tie D. Rebar set on 3/25/2022*

By: *RSO & PMO* Monument Found: *No* BTs or Reference Objects Found: *rebar in the c/l of Popcorn Road* Notes: *None*

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Section Corner plat for 34 (IP Set 7.66 N of road c/l)	MCSO RSID 002127
2/13/1993	Ramsey, Stephen	89.7 acre survey in Section 34 (rebar set in the c/l of Popcorn Road 27.69 feet south of the midpoint of the north to south half-section line)	MCSO RSID 002125
9/2/2003	Deckard, Eric Lee	Boundary survey for Daisy Garton Trust (Ramsey rebar found 27.92 feet south of center 1/4 corner)	MCR 2003033113 MCR 2005000200

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 5/8" rebar with a 2" aluminum cap stamped "MONROE COUNTY SURVEYOR C1/4 + S34 21100022" was set 8" above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The rebar is on the south side of the bank on the north side of Popcorn Road, 1.8 feet north of the north side of a 32" double oak tree. Fence remains were observed on the ground within 2 feet of the corner.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

This is not an original government corner and no record was found of a legal survey to establish it. In 1993, Stephen Ramsey calculated this corner at the midpoint between the north and south quarter corners of Section 34. In 2003, Eric Deckard calculated the corner in the same way. Neither Ramsey or Deckard monumented the corner. We established the corner at the intersection of the north to south half-section line between the rebar found at the N1/4 Corner O21 and the Nelson Prall Pipe found at South 1/4 Corner O25 with the east to west half-section line between the SNA rebar found at the Center-West 1/16 Corner (N23) with the rebar found at the East 1/4 Corner (Q23). The corner thus established is 3.18 feet north of the intersection of opposite quarter corners and 5.41 feet south of the midpoint between the north and south quarter corners.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: *~15 feet due to the IP (not found) depicted on the undated and unsigned plat listed above.*
- Discrepancies in the Documents: *5.4 feet.*
- Inconsistencies in the lines of Occupation: *None noted.*
- Theoretical Uncertainty (Random Errors in Measurement): *The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.*

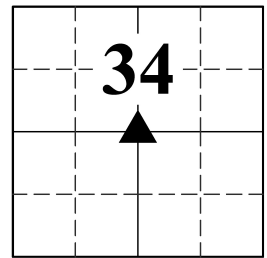
MONUMENT RECORD

Corner ID: InCr_023

Center 1/4 Corner

Section 34-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post was set 0.25 feet north of the rebar with a yellow Survey Marker sign attached 3 feet above grade.

GEODETIC COORDINATES: Northing: 1366577.63', Easting: 3084400.87'

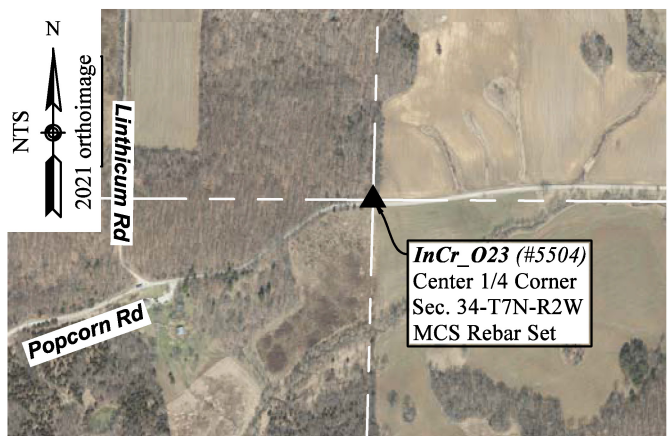
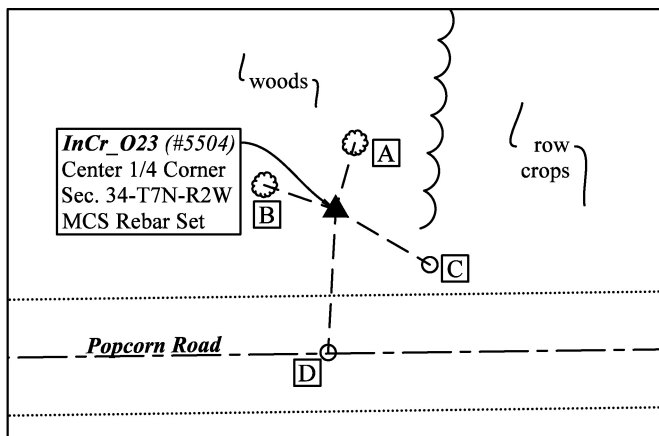
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 16° E	10.8'	2" mag nail and 1-1/2" orange plastic disc set 8" above grade on the southeast side of a 3" dbh hickory
B	N 71° W	11.8'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 15" above grade on the north side of a 13" dbh oak
C	S 60° E	17.0'	1-3/4" x 1-3/4" galvanized road sign post (Curvy Road Arrow)
D	S 3°1'39" W	22.26'	5/8" rebar with yellow plastic cap stamped "STEPHEN E. RAMSEY #S0374" found 5" below grade in the centerline of Popcorn Road

Notes: Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings. Witness D was located with RTK.

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_O23

Center 1/4 Corner

Section 34-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana

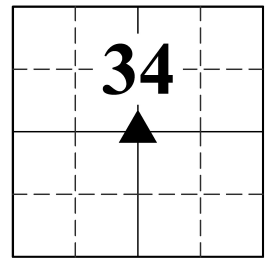


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/25/2022**



Photo Orientation & Description: **Capped rebar at O23**



Photo Orientation & Description: **Looking north at O23**

FIELD PERSONNEL:

Field Date: **3/25/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **45** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

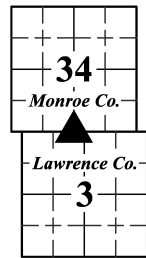
MONUMENT RECORD

Corner ID: InCr_025

South 1/4 Corner

Section 34-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P263**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	30"	S 57° E	7.9'
Beech	20"	N 27° W	9.2'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **2/27/1998** By: **Michael Arena, LCS**

Where filed or recorded: **Lawrence Co. Corner Record Z15**

Original monument: **Found 1/2" Pipe**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Nail in cedar	8"	318°	58.58'
Fence	-	180°	0.5'
Poplar	13"	66°	42.9'

Notes: **Coordinates provided**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **No legal survey records found**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **11/29/2010** By: **Kevin Enright, MCS**

Where filed or recorded: **MCSO Mon. Record InCr 025**

Original monument: **1/2" rebar with Prall cap**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Survey sign 4.5' above grade on round treated post	4"	S 55° E	0.33'
Harrison Monument at offset corner		S 86° E	149.80'
NW corner of restroom building		S 67° E	128.80'

Notes: **Approved by MCSRB on 12/14/2010**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/15/2022** By: **RSO & PMO** Monument Found: **Prall Pipe** BTs or Reference Objects Found: **All from 2010.**

Fence and poplar from 1998 Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Section corner plat for Section 34-7N-2W (IP Set shown 139.95 feet west of Harrison Marker found at the N1/4 of Section 3-6N-2W – Not found)	MCSO RSID 002127
2/13/1993	Ramsey, Stephen	89.7 acre survey in Section 34-7N-2W (Held 1/2" iron pipe found 149.16 feet west of Harrison found at the N1/4 of Section 3-6N-2W)	MCSO RSID 002125
9/2/2003	Deckard, Eric	Boundary survey for Daisy Garton Trust (Held Prall rebar found 149.06 feet west of Harrison found at the N1/4 of Section 3-6N-2W)	MCR 2003033113 MCR 2005000200

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

1/2" iron pipe with a yellow plug stamped "PRALL LS 10234" found 2" below grade

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The pipe is 0.5 feet north of an east/west smooth wire fence on the north side of a gravel lane.

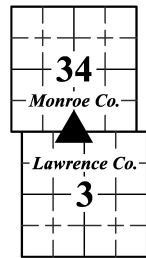
MONUMENT RECORD

Corner ID: InCr_025

South 1/4 Corner

Section 34-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

Both the pipe and the Harrison Monument at the Lawrence County closing corner (Witness Tie A) were presumably set by former Lawrence County Surveyor Nelson Prall. The IP set shown on the undated and unsigned plat referenced above was not found. The Prall pipe has consistently been accepted on subsequent surveys and we accepted it as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **9.1 feet.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A Monroe County Survey Marker sign was found 4 feet above grade on the south side of a 4" treated wood post S 55° E 0.5 feet from the pipe.

GEODETIC COORDINATES: Northing: **1363924.20'**, Easting: **3084331.69'**

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. **The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.**

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BT's should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	S 89°47'58" E	149.08'	Harrison Monument found flush at the North 1/4 Corner of Section 3-T6N-R2W (Lawrence County 6N2WA15)
B	S 71° 41' 52" E	124.15'	Northwest corner of concrete sidewalk around concrete block restroom
C	S 1° W	37.8'	Water Spigot #10
D	S 39° W	48.3'	Water Spigot #9

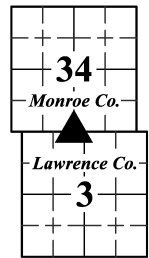
Notes: **Witness ties were measured with RTK.**

MONUMENT RECORD

Corner ID: InCr_025

South 1/4 Corner

Section 34-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

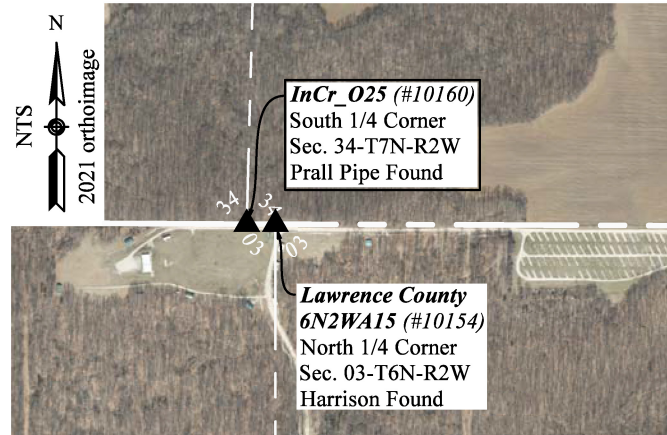
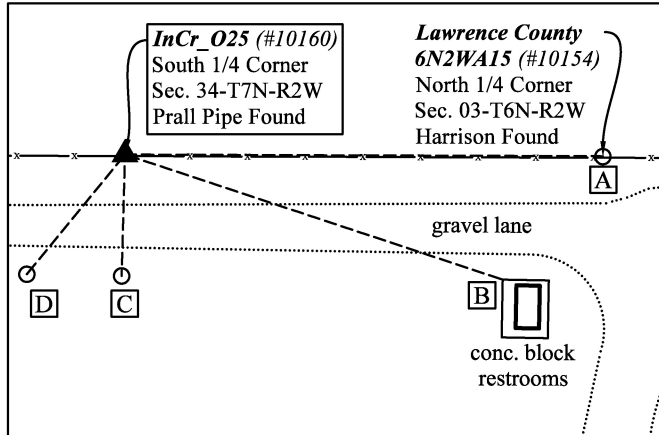


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: 3/15/2022



Photo Orientation & Description: *Prall pipe at 025*



Photo Orientation & Description: *Looking north at 025*

FIELD PERSONNEL:

Field Date: 3/15/2022 By: *Rachel Oser & Phillip Oser* Project #: 10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West Field Book: 3, page: 42 Notes: None

CERTIFICATION:

Professional Surveyor Name: *Rachel Oser*
Indiana Professional Surveyor No.: 21100022
Firm Name: *Oser Surveying & Mapping LLC*
Date: 3/31/2022
Signature:

Rachel Oser



Seal:

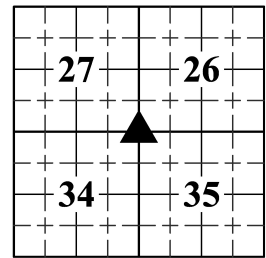
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_Q21

Section Corner

Sections 26, 27, 34 & 35-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P276**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
W.Oak	12"	N 52° E	8.6'
Beech	10"	S 72° W	4.6'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **No legal survey records**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/15/2022** By: **RSO & PMO** Monument Found: **Stone and pipe** BTs or Reference Objects Found: **No** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Section corner plats for Sections 34 & 35 (IP Shown)	MCSO RSID 002127 MCSO RSID 002132
10/9/1984	Graham, Raymond	Charles C. Jones survey in Section 35 (Monument not described)	MCSO RSID 002133
7/19/2017	Borgman, Todd M.	Boundary Survey in Sections 22 & 23 (Held stone)	MCR 2018000461
7/15/2021	Porter, Christopher	Retracement Boundary for Deckard (Held pipe)	MCR 2021022094

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

0.9' x 0.3' stone with a cut + on top 3" above grade

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The stone was found well planted near the middle of an old road bed next to a steel t-post. No markings were found on the stone. We added the cut + on top. The stone is approximately 21 feet south of wire fence remains heading west.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

The origin of the pipe and stone are both unknown. The stone is similar in appearance to other survey stones set by the Monroe County Surveyors of the late 1800s. Todd Borgman held the stone in 2017 and Chris Porter held the pipe in 2021. Neither surveyor mentioned the second monument. We accepted the stone because it was a better fit with record dimensions and other monuments in the section.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **20.8 feet north/south and 27.3 feet east/west.**
- Inconsistencies in the lines of Occupation: **21 feet.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

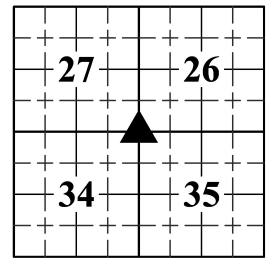
MONUMENT RECORD

Corner ID: InCr_Q21

Section Corner

Sections 26, 27, 34 & 35-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

We attached a Survey Marker sign to a steel t-post found 0.8 feet east of the stone.

GEODETIC COORDINATES: Northing: 1369222.54', Easting: 3087106.84'

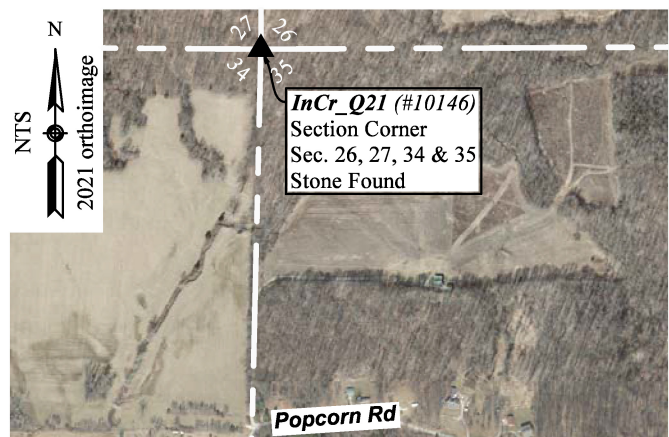
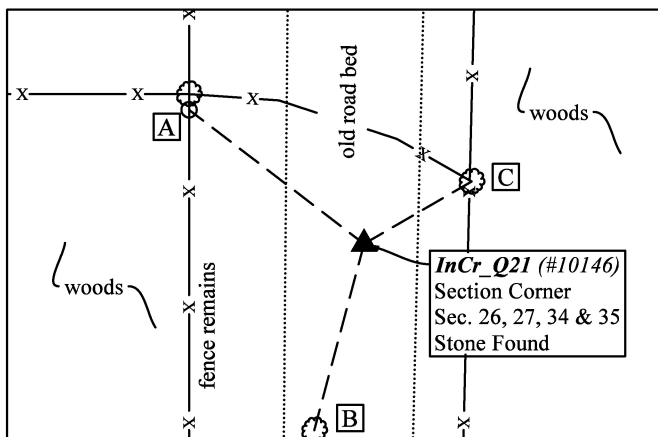
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	N 53° W	34.4'	½" i.d. iron pipe found 12" above grade on the south side of a 6" hickory fence corner with wire fence remains in four directions
B	S 15° W	30.0'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 24" above grade on the east side of a 30" dbh hickory
C	N 60° E	19.4'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 12" above grade on the southeast side of a 24" dbh beech with fencing wrapped around it

Notes: Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_Q21

Section Corner

Sections 26, 27, 34 & 35-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

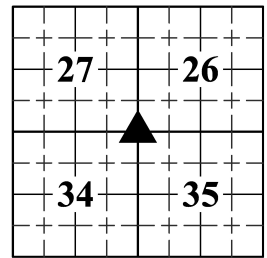


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/15/2022**



Photo Orientation & Description: **Stone at Q21**



Photo Orientation & Description: **Looking east at Q21**

FIELD PERSONNEL:

Field Date: **3/15/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **42** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

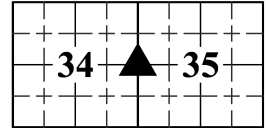
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_Q23

Quarter Corner

Sections 34 & 35-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P276**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	18"	S 14° W	14.5'
Beech	8"	N 30° W	11.2'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Original monument:

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance

Notes: **No legal survey records found**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/15/2022** By: **RSO & PMO** Monument Found: **Rebar** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
10/9/1984	Graham, Raymond	Charles C. Jones survey in Section 35	MCSO RSID 002133
2/28/1994	Archer, Steven W.	25.65 acre survey in Section 35 (Origin of 5/8" rebar)	MCSO RSID 002130
3/30/2000	Utt, Lee	8.3572 acre survey in Section 34	MCR 2000005210
6/23/2017	Deckard, Eric Lee	4.96 acre survey	MCR 2017014124
7/15/2021	Porter, Christopher	Retracement Boundary for Deckard	MCR 2021022094.

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" rebar with a 2" aluminum cap stamped "MONROE COUNTY SURVEYOR 1/4 S 34 + S35 2022 21100022" flush with grade

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The corner is at the southeast corner of a hayfield on the north side of an east/west tractor path and approximately in line with fence remains to the north. The rebar was found flush with no cap next to a 2" x 2.0' tall iron pipe.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

The rebar was set by Steven Archer in 1994 and was previously accepted by Eric Deckard and Christopher Porter.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **7.5 feet.**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

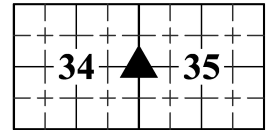
MONUMENT RECORD

Corner ID: InCr_Q23

Quarter Corner

Sections 34 & 35-T07N-R02W, 2nd P.M.

Indian Creek Township, Monroe County, Indiana



A steel t-post was set 0.4 feet west with a Monroe County Survey Marker sign attached 3 feet above grade.

GEODETIC COORDINATES: Northing: 1366562.80', Easting: 3087044.90'

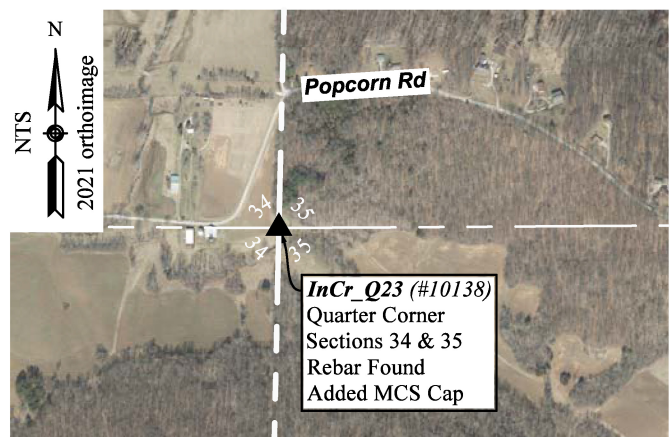
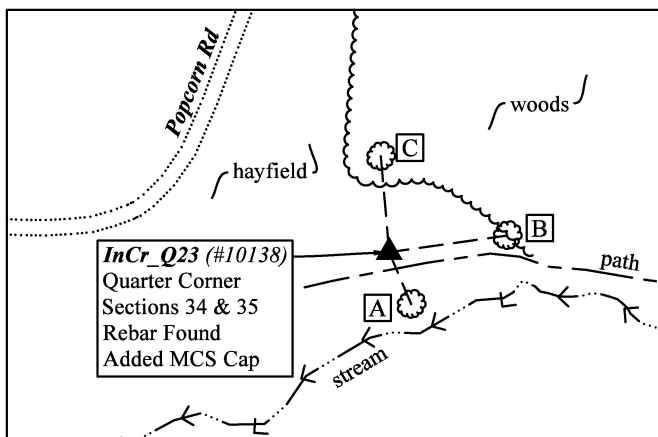
BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	S 23° E	58.7'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 24" above grade on the east side of a 36" dbh sycamore
B	N 82° E	124.1'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 12" above grade on the south side of an 18" dbh sugar maple
C	N 5° W	100'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 8" above grade on the east side of a 26" dbh red maple

Notes: *Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.*

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.



MONUMENT RECORD

Corner ID: InCr_Q23

Quarter Corner

Sections 34 & 35-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

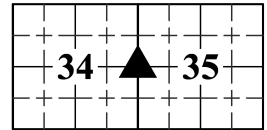


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/15/2022**



Photo Orientation & Description: **Capped rebar at Q23**



Photo Orientation & Description: **Looking west at Q23**

FIELD PERSONNEL:

Field Date: **3/15/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **42** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:



Seal:

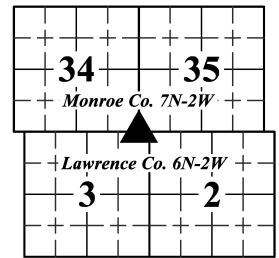
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: InCr_Q25

Section Corner

Sections 34 & 35-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **F_EV02P263**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	12"	N 53° E	7.9'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **3/26/1889** By: **M. Buskirk, MCS**

Where filed or recorded: **MCSO LSB 2, pg 472**

Original monument: **Not described**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
None			

Notes: **Buskirk measured to this corner, but did not describe the monument or take new bearing trees**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/15/2022** By: **RSO & PMO** Monument Found: **Pipe** BTs or Reference Objects Found: **None** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Unknown	Section corner plats for Sections 34 & 35	MCSO RSID 002127 & 002132
3/26/1889	Buskirk, M.	Legal Survey in Section 33-7N-2W	MCSO LSB 2, pg 472
12/13/1993	Ramsey, Stephen	89.7 acre survey in Section 34 (found pipe)	MCSO RSID002125

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

7/8" o.d. (1/2" i.d.) iron pipe found 6" below grade on the west side of a 4" wooden post with fence to the west.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The pipe is on the north side of the gated entrance to the Lawrence County Recreation Park.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

Both the pipe and the Harrison Monument at the Lawrence County closing corner (Witness Tie A) were presumably set by former Lawrence County Surveyor Nelson Prall. The pipe was accepted by Steven Ramsey in 1993. It fits well with possession and other survey monuments in the area and was accepted as the best evidence of the corner.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: **Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know how the monument found at this corner relates to the original location. Therefore, the uncertainty cannot be determined.**
- Discrepancies in the Documents: **0.3 feet**
- Inconsistencies in the lines of Occupation: **None noted.**
- Theoretical Uncertainty (Random Errors in Measurement): **The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.**

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A Monroe County Survey Marker sign was nailed 4.5 feet above grade to the west side of a 12" wooden post 0.8 feet east of the pipe.

MONUMENT RECORD

Corner ID: InCr_Q25

Section Corner

Sections 34 & 35-T07N-R02W, 2nd P.M.
Indian Creek Township, Monroe County, Indiana

34	35
Monroe Co. 7N-2W	
Lawrence Co. 6N-2W	
3	2

PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County “PROTECT NEARBY SURVEY MARKER” sign. Provide photo orientation and date. Additional photos may be included by clicking the “+” button at the end of the horizontal line.

Photo Date: **3/15/2022**



Photo Orientation & Description: **Pipe at Q25**



Photo Orientation & Description: **Looking east at Q25**

FIELD PERSONNEL:

Field Date: **3/15/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **42** Notes: **None**

CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: TwpCor_I

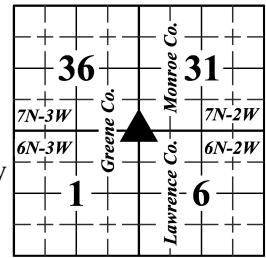
Township Corner

Section 31-T07N-R02W, 2nd P.M., Indian Creek Township, Monroe County

Section 6-T06N-R02W, 2nd P.M., Perry Township, Lawrence County

Section 36-T07N-R03W, 2nd P.M., Center Township, Greene County

Section 1-T06N-R03W, 2nd P.M., Jackson Township, Greene County



EXISTING SURVEY HISTORY

Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: **1815** By: **Arthur Henrie**

Where filed or recorded: **Original Plat**

Original monument: **Wood post**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
White Oak	40"	S 20° W	13.9'
Sugar	14"	N 5° W	25.7'

Notes: **The original survey notes were incomplete for this corner. Bearing trees were obtained from the plat.**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **Unknown** By: **Lawrence County Surveyor**

Where filed or recorded: **Lawrence County West Book**

Original monument: **Stone**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Elm	10"	S 64° E	5.9'

Notes: **The stone and bearing tree are noted as additions to the original bearing tree list in the West book.**

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **2/26/1878** By: **W. Clogston**

Where filed or recorded: **Greene County LSB 3, pg 066**

Original monument: **Set stone**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Elm	7"	N 73° E	5'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **3/16/1882** By: **Francis Parker**

Where filed or recorded: **Greene County LSB 3, pg 137**

Original monument: **Set stone**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Elm		S 64° E	4.6'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **10/10/1984** By: **Michael Arena**

Where filed or recorded: **Lawrence Co. Corner Record A1**

Original monument: **Found stone**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
SW corner cross-tie fence post		258°	0.9'
Triple maple	Large	336°	10.9'
Sassafras	7"	135°	20.8'

Notes:

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: **1/29/1997** By: **Kevin Enright**

Where filed or recorded: **Twp Cor I Monument Record**

Original monument: **Found sandstone with + marked "31"**

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sign on post		West	0.9'
PK in tri-forked maple	36"	N 17° W	11.03'
PK in walnut	12"	N 88° W	36.05'
PK in maple	9"	S 67° E	26.67'

Notes: **Nails not found in 2022. Tri-forked maple was dead. Bearings & distances checked to all BTs.**

SURVEY EVIDENCE FOUND: Include evidence found and weighed, search area or areas, search procedure, etc.

Date of Search: **3/21/2022** By: **RSO & PMO** Monument Found: **Stone** BTs or Reference Objects Found: **All BTs from 1997 (no BTs from 1800s legal surveys)** Notes: **None**

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Undated	Pitser, Lowell	Survey in Section 6-6N-2W	Lawrence County Surveyor's Office
3/25/1997	Utt, Lee	Survey of 71.69 acres in Section 31-7N-2W	Monroe County Auditor's Office
3/7/2011	Ballard, Dustin	I69 Section 4 Segment 5 Route Survey	Greene County IN 2011-0923

PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

0.8' x 0.4' sandstone with + on top and inscribed "6 + 31" on its east side found 0.4 feet above grade.

MONUMENT RECORD

Corner ID: TwpCor_I

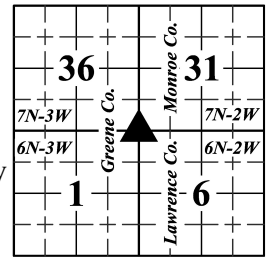
Township Corner

Section 31-T07N-R02W, 2nd P.M., Indian Creek Township, Monroe County

Section 6-T06N-R02W, 2nd P.M., Perry Township, Lawrence County

Section 36-T07N-R03W, 2nd P.M., Center Township, Greene County

Section 1-T06N-R03W, 2nd P.M., Jackson Township, Greene County



OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

From the rebar at C25, follow an atv path along the south side of an east/west wire fence that follows the south line of the southwest quarter of Section 31 for ~1675 feet. The stone is in a relatively flat wooded area approximately 140 feet west of a creek. The stone is in line with wire fence remains to the west and south and wire fence to the north and east.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument with reference to the recording information for the survey upon which this record is derived. Said recorded survey shall be certified by the same professional surveyor who certifies this document, shall identify and accept this monument, and shall have been recorded within (3) years of Form submittal.

The stone was set by Greene County Surveyor Francis Parker in 1882 and has consistently been accepted as the corner on subsequent surveys.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: *None noted.*
- Discrepancies in the Documents: *None noted.*
- Inconsistencies in the lines of Occupation: *None noted.*
- Theoretical Uncertainty (Random Errors in Measurement): *The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.*

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County “PROTECT NEARBY SURVEY MARKER” sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

An aluminum post with Monroe, Lawrence, and Greene County Survey Marker signs attached was set 0.75 feet north of the + on the top of the stone.

GEODETIC COORDINATES: Northing: *1364011.74'*, Easting: *3066744.09'*

BASIS OF GEODETIC COORDINATES: Describe equipment, date, and personnel used to collect coordinates, datum, epoch, geoid and zone. *The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined either from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations.*

WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. The following procedures are provided for guidance. Please utilize professional judgment when choosing witness ties. All ties to BT's should be a magnetic nail and washer (state what kind) set in a hack mark at root crown (less than 12" above ground) perpendicular to center of tree unless otherwise noted. All monuments should be tied to at least three accessories with a minimum of 60° of separation. BTs should be healthy with a minimum DBH of 4". BT description should include tree species, diameter at 4.5' above ground, distance of nail above ground, and description of nail location (e.g., SE side of root). Note bearing from monument to the center of the BT, distance to the nail. Other survey monuments that were located in the vicinity and their relation to the monument may also be included.

ID	Bearing	Distance	Description
A	WEST	0.75'	Southeast corner of 6"x8" railroad tie fence post with MCSO survey marker sign found 4.0 feet above grade on the east side of the post (Witness B from 1997 Monument Record)
B	N 4° W	6.45'	U-post with 1-1/2" orange plastic disc wired 2.0 feet above grade
C	S 71° E	26.4'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 10" above grade

MONUMENT RECORD

Corner ID: TwpCor_I

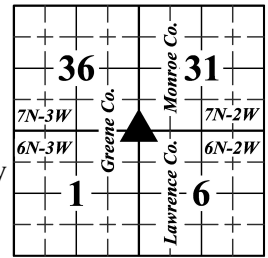
Township Corner

Section 31-T07N-R02W, 2nd P.M., Indian Creek Township, Monroe County

Section 6-T06N-R02W, 2nd P.M., Perry Township, Lawrence County

Section 36-T07N-R03W, 2nd P.M., Center Township, Greene County

Section 1-T06N-R03W, 2nd P.M., Jackson Township, Greene County



			<i>on the northwest side of a 14" dbh sugar maple (Witness E from 1997 Monument Record – pk nail not found)</i>
D	S 15° W	16.8'	2" mag nail and 1-1/2" orange plastic disc set in hack mark 6" above grade on the west side of a 4" dbh musclewood

Notes: *Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.*

MONUMENT LOCATION SKETCH: Optional: Attach a sketch or aerial image. Monument sketch is not required for reimbursement.

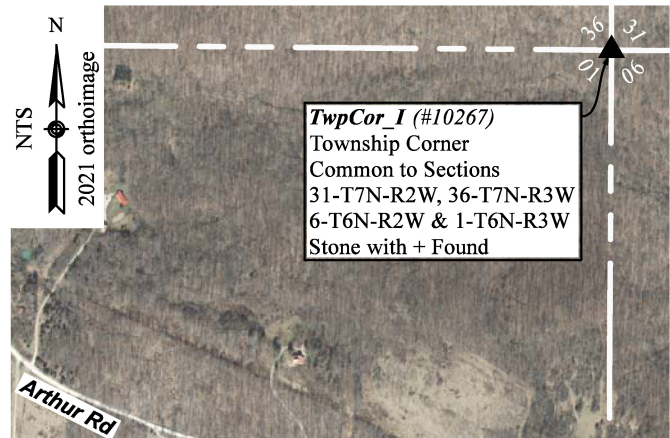
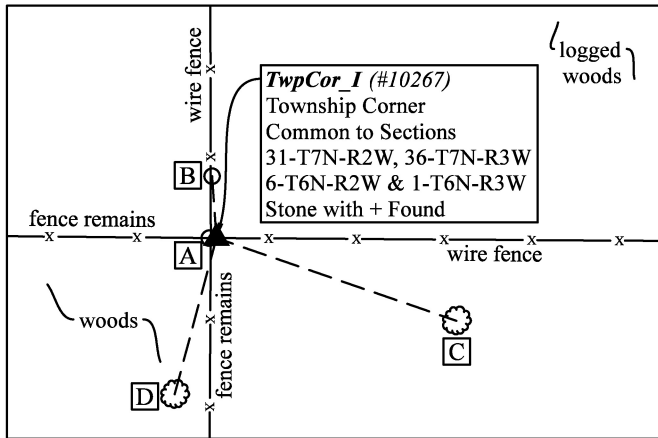


PHOTO IDENTIFIED: Photograph close up photo of monument and a vicinity photo of the monument that includes the Monroe County "PROTECT NEARBY SURVEY MARKER" sign. Provide photo orientation and date. Additional photos may be included by clicking the "+" button at the end of the horizontal line.

Photo Date: **3/21/2022**



Photo Orientation & Description: **Engraving on stone**



Photo Orientation & Description: **Looking north at stone**

FIELD PERSONNEL:

Field Date: **3/21/2022** By: **Rachel Oser & Phillip Oser** Project #: **10174C.01 Corner Perpetuation Survey for Indian Creek Township Sections 31, 32, 33 & 34, Township 7 North, Range 2 West** Field Book: **3**, page: **44** Notes: **None**

MONUMENT RECORD

Corner ID: TwpCor_I

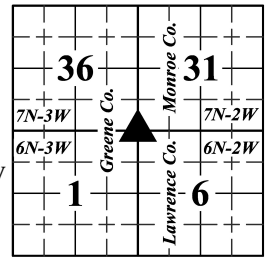
Township Corner

Section 31-T07N-R02W, 2nd P.M., Indian Creek Township, Monroe County

Section 6-T06N-R02W, 2nd P.M., Perry Township, Lawrence County

Section 36-T07N-R03W, 2nd P.M., Center Township, Greene County

Section 1-T06N-R03W, 2nd P.M., Jackson Township, Greene County



CERTIFICATION:

Professional Surveyor Name: **Rachel Oser**

Indiana Professional Surveyor No.: **21100022**

Firm Name: **Oser Surveying & Mapping LLC**

Date: **3/31/2022**

Signature:



Seal:

*This document is not
complete without the
associated plat and report
of even date.*

Plat of Survey of 163.5 Acres made for MACIL HOLMES

Being Part of Land conveyed to Leo G. & Macil Holmes in
Deed Record 93 on Page 480 in Lawrence County &
Deed Record 24 Page 431 in Monroe County
& Part of the land conveyed to Mary Chambers in
Deed Record 5 on page 31 in Monroe County

RSID001257

(William L. & Gladys Snapp)
D.R. 107 P. 198

(Harry Armstrong)
D.R. 175 P. 423
N 88° 31' 2" E

(Everett & Delight Arthur)
D.R. 170 P. 429

N 1/4 Sec. 4

(Everett & Delight Arthur)
D.R. 170 P. 416

1543.08

(Leonard P. & Gwendolyn C. Miller)
D.R. 178 P. 16
N 1/4 Sec. 4
N 16° 10' 2" E

(C. A. & M. C. Miller)
D.R. 178 P. 16
N 16° 10' 2" E

Approx. Location
of Spencer Road

Scale 1"=100'

Legend

1/2" iron pipes with Yellow Plastic
plugs stamped PRALL
LS 10234

Existing Fence Line
Not to Scale

Surveyed by N.L. Prall LS 12-13-72
Asst: R.E. Jackson
W.J. Browning
J.R. Smith
H.L. Hawk

Drawn by N.L. Prall 12-19-72



430.87
N 78° 24' 3" W

790.11
N 78° 24' 3" W

274.66
N 78° 24' 3" W

781.34
N 78° 24' 3" W

(Dale B. & Peggy Humphrey)
D.R. 176 P. 594

Sec. No. 4

Section Line
1623.06

1765.5'

1765.5'

1765.5'

Pipe 2' NW of 12" W Oak
D4 W 1315.07

203.86 170.05 478.22

33.8 30.0 29.6

110.41 12.3 23.0

(31.42 A)

(49 A)
(Lawrence County)

462.79

462.79

462.79

462.79

462.79

462.79

462.79

462.79

(Monroe County)
D.R. 176 P. 594

(Lawrence County)

(49 A)

(Monroe County)

(Lawrence County)

(49 A)

(Monroe County)

(Lawrence County)

(49 A)

(Monroe County)

(Lawrence County)

(49 A)

Section 34 T7N-R2W (Boundary Description)

RSID002127

